Full wwPDB NMR Structure Validation Report (i)

Jun 5, 2023 – 08:30 PM EDT

PDB ID	:	2MCN
BMRB ID	:	19447
Title	:	Distinct ubiquitin binding modes exhibited by SH3 domains: molecular determinants and functional implications
Authors	:	Ortega-Roldan, J.; Salmon, L.; Azuaga, A.; Blackledge, M.; Van Nuland, N.
Deposited on	:	2013-08-22

This is a Full wwPDB NMR Structure Validation Report for a publicly released PDB entry.

We welcome your comments at *validation@mail.wwpdb.org*
A user guide is available at
https://www.wwpdb.org/validation/2017/NMRValidationReportHelp
with specific help available everywhere you see the (i) symbol.

The types of validation reports are described at
http://www.wwpdb.org/validation/2017/FAQs#types.

The following versions of software and data (see references (i)) were used in the production of this report:

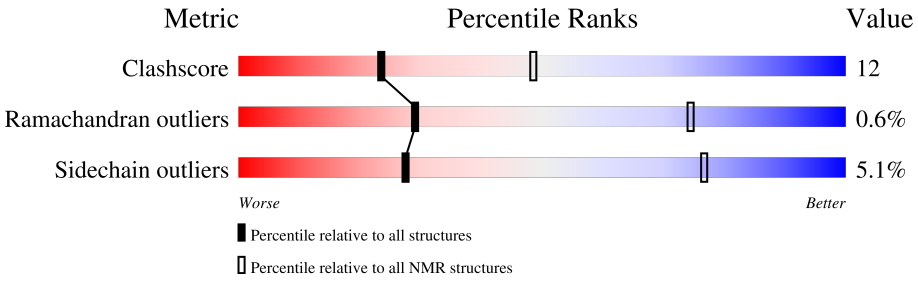
MolProbity	:	4.02b-467
Percentile statistics	:	20191225.v01 (using entries in the PDB archive December 25th 2019)
wwPDB-RCI	:	v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV	:	Wang et al. (2010)
wwPDB-ShiftChecker	:	v1.2
BMRB Restraints Analysis	:	v1.2
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.33

1 Overall quality at a glance

The following experimental techniques were used to determine the structure:
SOLUTION NMR

The overall completeness of chemical shifts assignment is 14%.

Percentile scores (ranging between 0-100) for global validation metrics of the entry are shown in the following graphic. The table shows the number of entries on which the scores are based.



Metric	Whole archive (#Entries)	NMR archive (#Entries)
Clashscore	158937	12864
Ramachandran outliers	154571	11451
Sidechain outliers	154315	11428

The table below summarises the geometric issues observed across the polymeric chains and their fit to the experimental data. The red, orange, yellow and green segments indicate the fraction of residues that contain outliers for >=3, 2, 1 and 0 types of geometric quality criteria. A cyan segment indicates the fraction of residues that are not part of the well-defined cores, and a grey segment represents the fraction of residues that are not modelled. The numeric value for each fraction is indicated below the corresponding segment, with a dot representing fractions <=5%

Mol	Chain	Length	Quality of chain
1	A	61	62% 28% • • 7%
2	B	76	87% 5% 8%

2 Ensemble composition and analysis

This entry contains 10 models. Model 9 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *lowest energy*.

The following residues are included in the computation of the global validation metrics.

Well-defined (core) protein residues			
Well-defined core	**Residue range (total)**	**Backbone RMSD (Å)**	**Medoid model**
1	A:3-A:58, B:1-B:70 (126)	0.52	9

Ill-defined regions of proteins are excluded from the global statistics.

Ligands and non-protein polymers are included in the analysis.

The models can be grouped into 2 clusters and 1 single-model cluster was found.

Cluster number	Models
1	1, 2, 4, 7, 9, 10
2	3, 6, 8
Single-model clusters	5

3 Entry composition (i)

There are 2 unique types of molecules in this entry. The entry contains 2171 atoms, of which 1093 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called CD2-associated protein.

Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	S	
1	A	57	939	302	463	80	93	1	0

- Molecule 2 is a protein called Ubiquitin.

Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	S	
2	B	76	1232	378	630	105	118	1	0

4 Residue-property plots

4.1 Average score per residue in the NMR ensemble

These plots are provided for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic is the same as shown in the summary in section 1 of this report. The second graphic shows the sequence where residues are colour-coded according to the number of geometric quality criteria for which they contain at least one outlier: green = 0, yellow = 1, orange = 2 and red = 3 or more. Stretches of 2 or more consecutive residues without any outliers are shown as green connectors. Residues which are classified as ill-defined in the NMR ensemble, are shown in cyan with an underline colour-coded according to the previous scheme. Residues which were present in the experimental sample, but not modelled in the final structure are shown in grey.

• Molecule 1: CD2-associated protein

Chain A:

• Molecule 2: Ubiquitin

Chain B:

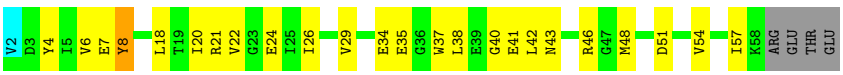
4.2 Scores per residue for each member of the ensemble

Colouring as in section 4.1 above.

4.2.1 Score per residue for model 1

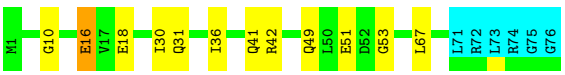
• Molecule 1: CD2-associated protein

Chain A:



• Molecule 2: Ubiquitin

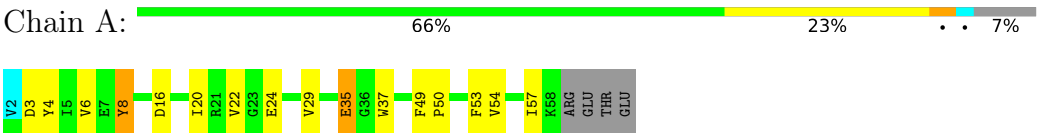
Chain B:



4.2.2 Score per residue for model 2

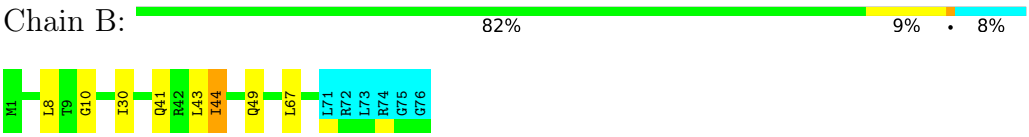
• Molecule 1: CD2-associated protein

Chain A:



• Molecule 2: Ubiquitin

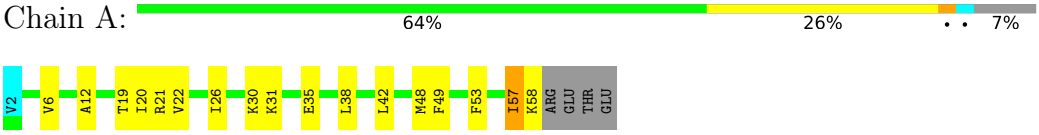
Chain B:



4.2.3 Score per residue for model 3

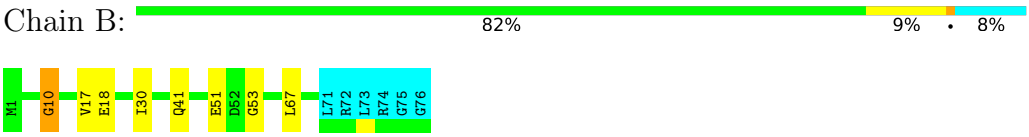
• Molecule 1: CD2-associated protein

Chain A:



• Molecule 2: Ubiquitin

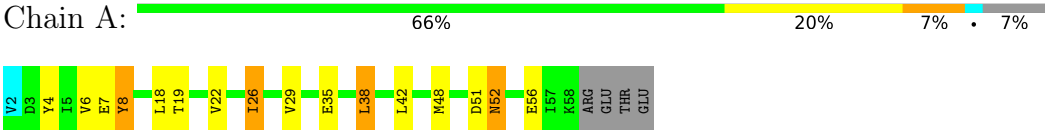
Chain B:



4.2.4 Score per residue for model 4

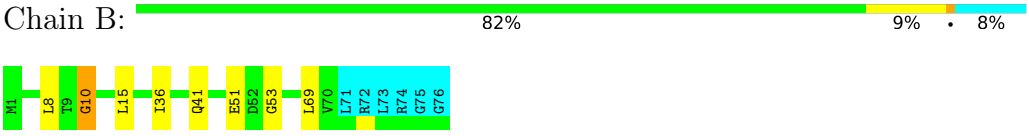
• Molecule 1: CD2-associated protein

Chain A:



• Molecule 2: Ubiquitin

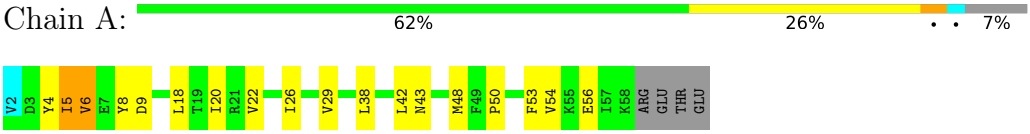
Chain B:



4.2.5 Score per residue for model 5

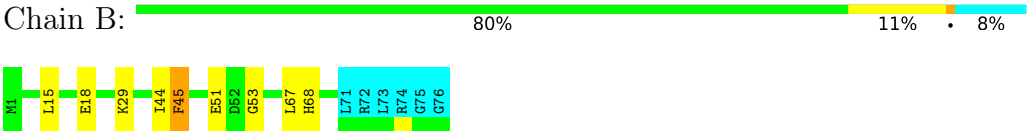
• Molecule 1: CD2-associated protein

Chain A:



• Molecule 2: Ubiquitin

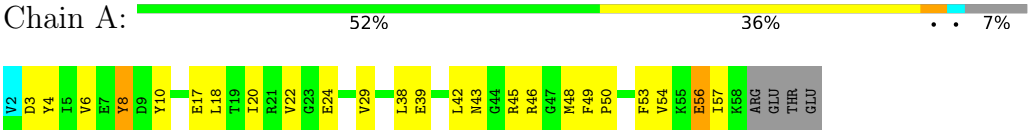
Chain B:



4.2.6 Score per residue for model 6

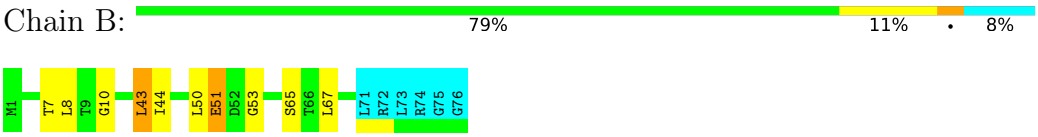
• Molecule 1: CD2-associated protein

Chain A:



• Molecule 2: Ubiquitin

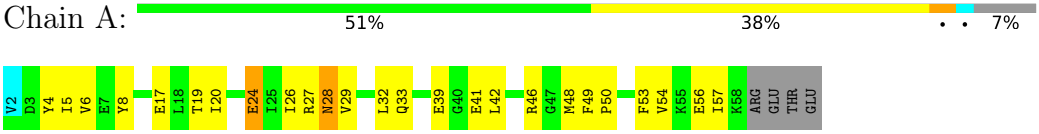
Chain B:



4.2.7 Score per residue for model 7

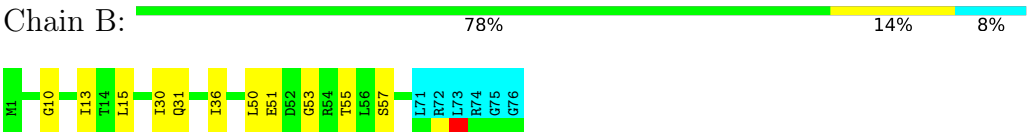
• Molecule 1: CD2-associated protein

Chain A:



• Molecule 2: Ubiquitin

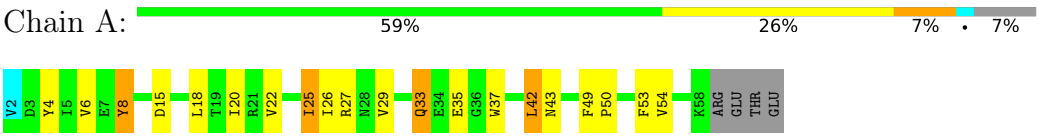
Chain B:



4.2.8 Score per residue for model 8

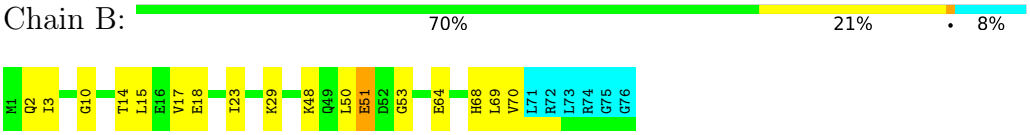
• Molecule 1: CD2-associated protein

Chain A:



• Molecule 2: Ubiquitin

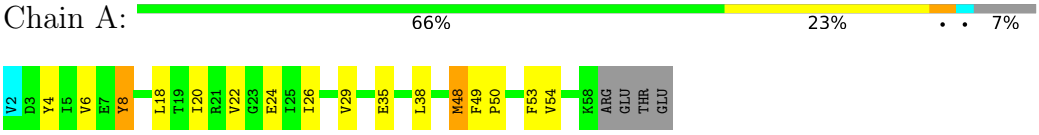
Chain B:



4.2.9 Score per residue for model 9 (medoid)

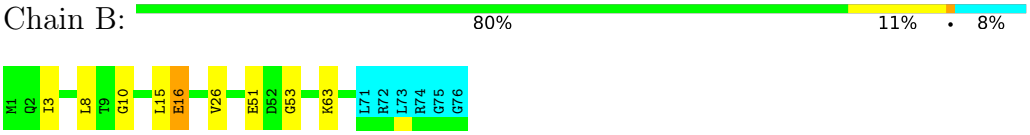
• Molecule 1: CD2-associated protein

Chain A:



• Molecule 2: Ubiquitin

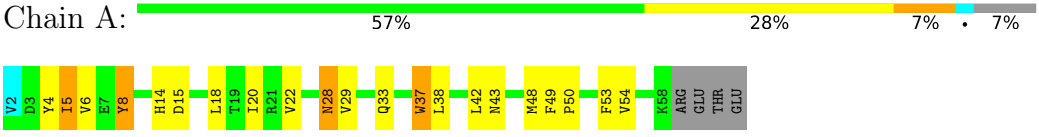
Chain B:



4.2.10 Score per residue for model 10

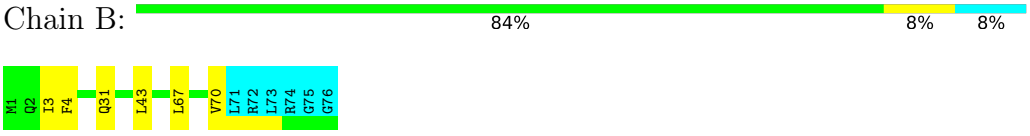
• Molecule 1: CD2-associated protein

Chain A:



• Molecule 2: Ubiquitin

Chain B:



5 Refinement protocol and experimental data overview

The models were refined using the following method: *simulated annealing, molecular dynamics, docking, simulated annealing, molecular dynamics*.

Of the 200 calculated structures, 10 were deposited, based on the following criterion: *target function*.

The following table shows the software used for structure solution, optimisation and refinement.

Software name	Classification	Version
HADDOCK	refinement	
CNS/SCULPTOR	structure solution	
NMRView	structure solution	
HADDOCK	structure solution	
CNS/SCULPTOR	refinement	
HADDOCK	refinement	

The following table shows chemical shift validation statistics as aggregates over all chemical shift files. Detailed validation can be found in section 7 of this report.

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	2
Total number of shifts	264
Number of shifts mapped to atoms	256
Number of unparsed shifts	0
Number of shifts with mapping errors	8
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	14%

6 Model quality

6.1 Standard geometry

There are no covalent bond-length or bond-angle outliers.

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts

In the following table, the Non-H and H(model) columns list the number of non-hydrogen atoms and hydrogen atoms in each chain respectively. The H(added) column lists the number of hydrogen atoms added and optimized by MolProbity. The Clashes column lists the number of clashes averaged over the ensemble.

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	469	452	451	18±3
2	B	555	576	575	8±3
All	All	10240	10280	10260	251

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 12.

All unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:6:VAL:HG12	1:A:54:VAL:HG12	0.79	1.53	7	2
1:A:6:VAL:HG22	1:A:54:VAL:HG12	0.75	1.59	10	3
1:A:6:VAL:HG21	1:A:20:ILE:HB	0.70	1.63	1	4
1:A:38:LEU:HD12	1:A:54:VAL:HG11	0.69	1.64	1	1
1:A:6:VAL:CG1	1:A:54:VAL:HG12	0.66	2.21	7	2
1:A:26:ILE:HD12	1:A:26:ILE:N	0.64	2.08	1	1
2:B:3:ILE:HD12	2:B:3:ILE:O	0.64	1.93	9	1
1:A:6:VAL:HG22	1:A:24:GLU:O	0.63	1.94	2	3
1:A:6:VAL:O	1:A:6:VAL:HG23	0.62	1.93	7	3
2:B:43:LEU:HD12	2:B:50:LEU:HD22	0.62	1.69	6	1
1:A:20:ILE:HD12	1:A:20:ILE:O	0.62	1.93	8	1
1:A:8:TYR:CE2	1:A:53:PHE:CZ	0.61	2.88	5	1
1:A:48:MET:SD	1:A:48:MET:N	0.61	2.73	9	2

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Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
2:B:44:ILE:HG22	2:B:45:PHE:N	0.61	2.09	5	1
1:A:57:ILE:HD13	1:A:58:LYS:N	0.60	2.12	3	1
2:B:15:LEU:HD21	2:B:29:LYS:CB	0.60	2.27	8	2
1:A:6:VAL:HG11	1:A:20:ILE:HD12	0.60	1.73	3	3
1:A:12:ALA:H	1:A:19:THR:HG22	0.59	1.56	3	1
1:A:6:VAL:CG2	1:A:54:VAL:HG12	0.58	2.28	10	2
1:A:42:LEU:HD23	1:A:43:ASN:N	0.58	2.14	6	4
1:A:26:ILE:CD1	1:A:42:LEU:HD22	0.58	2.28	7	2
2:B:15:LEU:HD21	2:B:29:LYS:HB2	0.58	1.75	8	2
1:A:6:VAL:HG12	1:A:54:VAL:CG1	0.58	2.29	7	2
1:A:8:TYR:CE2	1:A:53:PHE:CE1	0.58	2.92	2	1
2:B:8:LEU:H	2:B:8:LEU:HD12	0.57	1.58	9	1
2:B:44:ILE:C	2:B:44:ILE:HD13	0.57	2.19	2	1
2:B:30:ILE:HD12	2:B:41:GLN:OE1	0.57	2.00	2	3
1:A:25:ILE:H	1:A:25:ILE:HD13	0.56	1.58	8	1
1:A:49:PHE:CD1	1:A:54:VAL:HG11	0.56	2.36	9	5
1:A:6:VAL:CG1	1:A:20:ILE:HD13	0.56	2.31	8	1
1:A:4:TYR:HB2	1:A:29:VAL:HG21	0.56	1.77	6	6
1:A:20:ILE:HG21	1:A:26:ILE:HD11	0.55	1.78	5	1
1:A:8:TYR:CZ	1:A:53:PHE:CE1	0.55	2.95	2	1
2:B:51:GLU:C	2:B:53:GLY:N	0.54	2.60	8	8
1:A:6:VAL:HG21	1:A:20:ILE:HD12	0.54	1.78	6	1
1:A:6:VAL:HG13	1:A:53:PHE:O	0.54	2.01	10	3
1:A:19:THR:O	1:A:42:LEU:HD23	0.54	2.02	3	2
1:A:50:PRO:CB	2:B:68:HIS:CE1	0.53	2.90	5	1
1:A:50:PRO:HB2	1:A:53:PHE:CD1	0.53	2.38	6	4
1:A:6:VAL:HB	1:A:54:VAL:HG12	0.53	1.79	5	1
1:A:6:VAL:HG12	1:A:20:ILE:HD13	0.52	1.81	8	1
1:A:5:ILE:C	1:A:5:ILE:HD13	0.52	2.25	5	2
1:A:26:ILE:O	1:A:29:VAL:HG23	0.52	2.05	8	1
1:A:3:ASP:O	1:A:57:ILE:HG22	0.52	2.03	6	2
1:A:6:VAL:O	1:A:6:VAL:CG2	0.52	2.57	7	2
1:A:8:TYR:O	1:A:22:VAL:N	0.52	2.43	4	6
1:A:35:GLU:CB	2:B:10:GLY:HA2	0.51	2.35	1	6
1:A:53:PHE:CZ	2:B:68:HIS:CE1	0.51	2.98	5	1
1:A:32:LEU:HD11	1:A:48:MET:SD	0.51	2.45	7	1
2:B:23:ILE:HD12	2:B:51:GLU:O	0.51	2.05	8	1
2:B:23:ILE:HD13	2:B:50:LEU:HB3	0.51	1.82	8	1
1:A:42:LEU:HD13	1:A:43:ASN:N	0.51	2.21	5	1
1:A:27:ARG:O	1:A:28:ASN:C	0.51	2.48	7	1
2:B:43:LEU:CD1	2:B:50:LEU:HD22	0.50	2.37	6	1

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Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
2:B:8:LEU:N	2:B:8:LEU:HD23	0.49	2.22	4	1
2:B:44:ILE:CG2	2:B:45:PHE:N	0.49	2.75	5	1
1:A:8:TYR:CG	1:A:53:PHE:CD2	0.49	2.99	6	1
1:A:51:ASP:HA	1:A:54:VAL:HG12	0.49	1.85	1	1
1:A:25:ILE:H	1:A:25:ILE:CD1	0.49	2.20	8	1
1:A:26:ILE:N	1:A:26:ILE:CD1	0.49	2.75	1	1
2:B:30:ILE:HG22	2:B:36:ILE:HG22	0.48	1.84	7	1
1:A:6:VAL:O	1:A:6:VAL:HG22	0.48	2.08	5	1
2:B:51:GLU:C	2:B:53:GLY:H	0.48	2.11	7	7
1:A:18:LEU:HD21	1:A:42:LEU:CB	0.48	2.39	8	3
1:A:39:GLU:HB2	1:A:48:MET:SD	0.48	2.49	6	1
1:A:18:LEU:HD13	1:A:19:THR:N	0.48	2.24	4	1
2:B:67:LEU:HD12	2:B:67:LEU:N	0.47	2.24	3	5
2:B:44:ILE:HG22	2:B:45:PHE:H	0.47	1.65	5	1
1:A:4:TYR:CD1	1:A:29:VAL:HB	0.47	2.44	10	4
2:B:43:LEU:HD11	2:B:67:LEU:HB3	0.47	1.86	6	1
1:A:20:ILE:HD13	1:A:49:PHE:HB2	0.47	1.85	3	1
1:A:4:TYR:CD1	1:A:56:GLU:HA	0.47	2.45	4	1
2:B:44:ILE:HD12	2:B:44:ILE:N	0.46	2.24	5	1
1:A:42:LEU:HD23	1:A:42:LEU:C	0.46	2.30	1	3
1:A:8:TYR:CD2	1:A:9:ASP:N	0.46	2.84	5	1
2:B:43:LEU:N	2:B:49:GLN:NE2	0.46	2.63	2	1
1:A:4:TYR:CD1	1:A:29:VAL:HG21	0.46	2.46	4	1
1:A:48:MET:N	1:A:48:MET:SD	0.45	2.88	3	1
1:A:4:TYR:CE1	1:A:29:VAL:HG21	0.45	2.46	4	1
1:A:31:LYS:HA	1:A:38:LEU:HD23	0.45	1.89	3	1
1:A:4:TYR:CZ	1:A:29:VAL:HG21	0.45	2.47	4	1
1:A:49:PHE:CD1	1:A:54:VAL:HG21	0.45	2.46	6	1
1:A:20:ILE:HD12	1:A:20:ILE:C	0.45	2.32	8	1
1:A:6:VAL:HG22	1:A:54:VAL:CG1	0.45	2.38	10	1
2:B:44:ILE:HD12	2:B:44:ILE:H	0.45	1.72	5	1
1:A:6:VAL:CG2	1:A:20:ILE:HD12	0.45	2.42	6	1
1:A:33:GLN:NE2	1:A:33:GLN:H	0.45	2.10	8	1
1:A:4:TYR:CD2	1:A:56:GLU:HA	0.44	2.47	6	1
2:B:18:GLU:N	2:B:18:GLU:CD	0.44	2.71	1	2
1:A:33:GLN:N	1:A:33:GLN:NE2	0.44	2.65	7	1
2:B:30:ILE:HG22	2:B:36:ILE:CG2	0.44	2.42	7	1
2:B:43:LEU:HD12	2:B:43:LEU:N	0.44	2.28	10	1
1:A:4:TYR:CE2	1:A:29:VAL:HG21	0.44	2.48	4	1
1:A:37:TRP:C	1:A:38:LEU:HD12	0.44	2.32	10	1
1:A:52:ASN:N	1:A:52:ASN:HD22	0.44	2.11	4	1

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Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:50:PRO:HG2	1:A:53:PHE:CD2	0.44	2.48	5	1
2:B:51:GLU:O	2:B:53:GLY:N	0.44	2.50	8	1
2:B:17:VAL:HG22	2:B:18:GLU:N	0.44	2.27	8	2
2:B:8:LEU:HD23	2:B:8:LEU:H	0.44	1.71	4	1
1:A:57:ILE:O	1:A:57:ILE:HG23	0.44	2.13	1	1
2:B:50:LEU:HD12	2:B:50:LEU:N	0.44	2.28	7	1
1:A:4:TYR:CD2	1:A:29:VAL:HG11	0.43	2.48	1	1
1:A:50:PRO:HG2	1:A:53:PHE:CE2	0.43	2.47	2	1
2:B:44:ILE:CG2	2:B:45:PHE:H	0.43	2.26	5	1
1:A:38:LEU:HB2	1:A:49:PHE:CE1	0.43	2.48	6	1
1:A:5:ILE:HG23	1:A:57:ILE:HG21	0.43	1.88	7	1
1:A:24:GLU:HG2	1:A:42:LEU:HD11	0.43	1.90	6	1
2:B:68:HIS:CE1	2:B:70:VAL:CG2	0.43	3.01	8	1
1:A:26:ILE:CG2	1:A:40:GLY:HA3	0.43	2.42	1	1
1:A:35:GLU:CG	2:B:10:GLY:HA2	0.43	2.44	2	1
2:B:31:GLN:HE21	2:B:36:ILE:C	0.43	2.17	1	1
2:B:69:LEU:C	2:B:69:LEU:HD13	0.43	2.32	4	1
1:A:8:TYR:N	1:A:22:VAL:HG12	0.43	2.28	8	1
1:A:14:HIS:CG	1:A:15:ASP:N	0.43	2.87	10	1
1:A:41:GLU:CD	1:A:41:GLU:N	0.43	2.72	7	2
1:A:4:TYR:CG	1:A:29:VAL:HG21	0.43	2.48	4	1
2:B:15:LEU:N	2:B:15:LEU:HD12	0.43	2.29	4	2
1:A:7:GLU:O	1:A:8:TYR:CD2	0.43	2.72	1	2
2:B:8:LEU:C	2:B:8:LEU:HD12	0.43	2.34	2	1
1:A:10:TYR:HB3	1:A:20:ILE:CG1	0.43	2.44	6	1
2:B:16:GLU:H	2:B:16:GLU:CD	0.43	2.17	1	2
1:A:4:TYR:CD2	1:A:29:VAL:HG21	0.43	2.48	4	1
1:A:39:GLU:HG2	1:A:48:MET:SD	0.43	2.54	7	1
2:B:55:THR:C	2:B:57:SER:H	0.43	2.17	7	1
1:A:26:ILE:HB	1:A:29:VAL:CG2	0.43	2.44	8	1
1:A:37:TRP:CD1	1:A:48:MET:HB3	0.43	2.49	10	1
1:A:4:TYR:CZ	1:A:56:GLU:HB2	0.43	2.49	7	1
1:A:28:ASN:N	1:A:28:ASN:HD22	0.43	2.12	10	1
1:A:8:TYR:CD1	1:A:53:PHE:CE2	0.42	3.07	9	1
1:A:38:LEU:O	1:A:48:MET:HA	0.42	2.14	4	3
1:A:26:ILE:HD13	1:A:26:ILE:H	0.42	1.74	4	1
2:B:15:LEU:HD23	2:B:15:LEU:H	0.42	1.75	7	1
2:B:36:ILE:O	2:B:36:ILE:HG23	0.42	2.14	7	1
2:B:43:LEU:HD13	2:B:44:ILE:N	0.42	2.28	6	1
2:B:7:THR:O	2:B:8:LEU:C	0.42	2.58	6	1
1:A:5:ILE:O	1:A:5:ILE:HG23	0.42	2.14	10	1

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Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:50:PRO:HB2	1:A:53:PHE:CD2	0.42	2.49	7	1
1:A:6:VAL:HG23	1:A:21:ARG:O	0.42	2.15	1	1
1:A:8:TYR:CD1	1:A:53:PHE:CD2	0.42	3.07	9	1
1:A:6:VAL:CG2	1:A:20:ILE:HB	0.42	2.42	1	2
1:A:52:ASN:HD22	1:A:52:ASN:H	0.42	1.57	4	1
1:A:38:LEU:HD12	1:A:54:VAL:HG21	0.42	1.91	5	1
1:A:37:TRP:CE3	1:A:48:MET:SD	0.41	3.13	1	1
1:A:6:VAL:HG21	1:A:20:ILE:CB	0.41	2.45	6	1
1:A:6:VAL:O	1:A:6:VAL:HG13	0.41	2.15	6	1
1:A:4:TYR:CE1	1:A:29:VAL:CG2	0.41	3.03	7	1
1:A:29:VAL:HA	1:A:39:GLU:O	0.41	2.15	7	1
1:A:25:ILE:HD13	1:A:25:ILE:N	0.41	2.29	8	1
1:A:8:TYR:N	1:A:22:VAL:HG22	0.41	2.30	9	1
1:A:21:ARG:HG2	1:A:22:VAL:N	0.41	2.30	3	1
1:A:45:ARG:NE	1:A:45:ARG:HA	0.41	2.31	6	1
1:A:5:ILE:HD13	1:A:6:VAL:N	0.41	2.31	5	1
2:B:3:ILE:O	2:B:14:THR:HG23	0.41	2.16	8	1
1:A:50:PRO:HB3	2:B:68:HIS:CE1	0.41	2.50	5	1
1:A:19:THR:O	1:A:19:THR:HG23	0.41	2.16	7	1
2:B:42:ARG:HH22	2:B:49:GLN:HE21	0.41	1.58	1	1
2:B:36:ILE:O	2:B:41:GLN:NE2	0.41	2.53	4	1
2:B:69:LEU:C	2:B:69:LEU:HD23	0.41	2.36	8	1
1:A:14:HIS:CG	1:A:15:ASP:H	0.41	2.34	10	1
1:A:4:TYR:CD1	1:A:29:VAL:HG22	0.40	2.51	7	1
1:A:4:TYR:CD1	1:A:29:VAL:CG2	0.40	3.04	7	1
1:A:6:VAL:HG12	1:A:54:VAL:CB	0.40	2.46	1	1
1:A:26:ILE:HD13	1:A:26:ILE:N	0.40	2.31	4	1
1:A:26:ILE:HD13	1:A:49:PHE:CE2	0.40	2.51	9	1
1:A:34:GLU:HB3	1:A:37:TRP:CD1	0.40	2.51	1	1
1:A:8:TYR:CE2	1:A:53:PHE:CE2	0.40	3.09	5	1

6.3 Torsion angles (i)

6.3.1 Protein backbone (i)

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the backbone conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles
1	A	55/61 (90%)	52±1 (95±2%)	2±1 (5±2%)	0±0 (0±1%)	50 82
2	B	69/76 (91%)	62±2 (90±3%)	6±2 (9±3%)	1±1 (1±1%)	20 68
All	All	1240/1370 (91%)	1142 (92%)	90 (7%)	8 (1%)	29 74

All 5 unique Ramachandran outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
2	B	10	GLY	4
2	B	45	PHE	1
2	B	65	SER	1
1	A	28	ASN	1
2	B	13	ILE	1

6.3.2 Protein sidechains (i)

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the sidechain conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles
1	A	50/55 (91%)	46±1 (91±3%)	4±1 (9±3%)	14 61
2	B	64/68 (94%)	62±1 (98±2%)	2±1 (2±2%)	53 92
All	All	1140/1230 (93%)	1082 (95%)	58 (5%)	27 77

All 35 unique residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	8	TYR	8
1	A	18	LEU	3
1	A	46	ARG	3
1	A	37	TRP	3
2	B	16	GLU	2
1	A	6	VAL	2
1	A	42	LEU	2
1	A	5	ILE	2
1	A	56	GLU	2
1	A	17	GLU	2
2	B	51	GLU	2

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Mol	Chain	Res	Type	Models (Total)
1	A	24	GLU	2
2	B	31	GLN	2
1	A	33	GLN	2
1	A	16	ASP	1
1	A	35	GLU	1
2	B	44	ILE	1
1	A	30	LYS	1
1	A	57	ILE	1
1	A	26	ILE	1
1	A	38	LEU	1
1	A	51	ASP	1
1	A	52	ASN	1
2	B	43	LEU	1
1	A	25	ILE	1
1	A	27	ARG	1
2	B	2	GLN	1
2	B	48	LYS	1
2	B	64	GLU	1
1	A	48	MET	1
2	B	26	VAL	1
2	B	63	LYS	1
1	A	28	ASN	1
2	B	3	ILE	1
2	B	4	PHE	1

6.3.3 RNA

There are no RNA molecules in this entry.

6.4 Non-standard residues in protein, DNA, RNA chains

There are no non-standard protein/DNA/RNA residues in this entry.

6.5 Carbohydrates

There are no monosaccharides in this entry.

6.6 Ligand geometry

There are no ligands in this entry.

6.7 Other polymers (i)

There are no such molecules in this entry.

6.8 Polymer linkage issues (i)

There are no chain breaks in this entry.

7 Chemical shift validation

The completeness of assignment taking into account all chemical shift lists is 14% for the well-defined parts and 13% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *CD2AP_SH3-A*

7.1.1 Bookkeeping

The following table shows the results of parsing the chemical shift list and reports the number of nuclei with statistically unusual chemical shifts.

Total number of shifts	120
Number of shifts mapped to atoms	112
Number of unparsed shifts	0
Number of shifts with mapping errors	8
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

The following assigned chemical shifts were not mapped to the molecules present in the coordinate file.

- No matching atom found in the structure. All 8 occurrences are reported below.

List ID	Chain	Res	Type	Atom	Shift Data		
					Value	Uncertainty	Ambiguity
1	A	59	ARG	H	8.5355	.	1
1	A	59	ARG	N	123.6777	.	1
1	A	60	GLU	H	8.6789	.	1
1	A	60	GLU	N	122.6065	.	1
1	A	61	THR	H	8.0855	.	1
1	A	61	THR	N	114.0068	.	1
1	A	62	GLU	H	8.0214	.	1
1	A	62	GLU	N	128.003	.	1

7.1.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction ± precision, *ppm*	Suggested action
$^{13}C_{\alpha}$	0	—	None (insufficient data)
$^{13}C_{\beta}$	0	—	None (insufficient data)
$^{13}C'$	0	—	None (insufficient data)
^{15}N	60	0.45 ± 0.48	None needed (< 0.5 ppm)

7.1.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 6%, i.e. 110 atoms were assigned a chemical shift out of a possible 1780. 0 out of 20 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	110/631 (17%)	55/257 (21%)	0/252 (0%)	55/122 (45%)
Sidechain	0/1045 (0%)	0/671 (0%)	0/333 (0%)	0/41 (0%)
Aromatic	0/104 (0%)	0/50 (0%)	0/49 (0%)	0/5 (0%)
Overall	110/1780 (6%)	55/978 (6%)	0/634 (0%)	55/168 (33%)

The following table shows the completeness of the chemical shift assignments for the full structure. The overall completeness is 6%, i.e. 111 atoms were assigned a chemical shift out of a possible 1889. 0 out of 23 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	111/668 (17%)	55/273 (20%)	0/266 (0%)	56/129 (43%)
Sidechain	0/1117 (0%)	0/718 (0%)	0/352 (0%)	0/47 (0%)
Aromatic	0/104 (0%)	0/50 (0%)	0/49 (0%)	0/5 (0%)
Overall	111/1889 (6%)	55/1041 (5%)	0/667 (0%)	56/181 (31%)

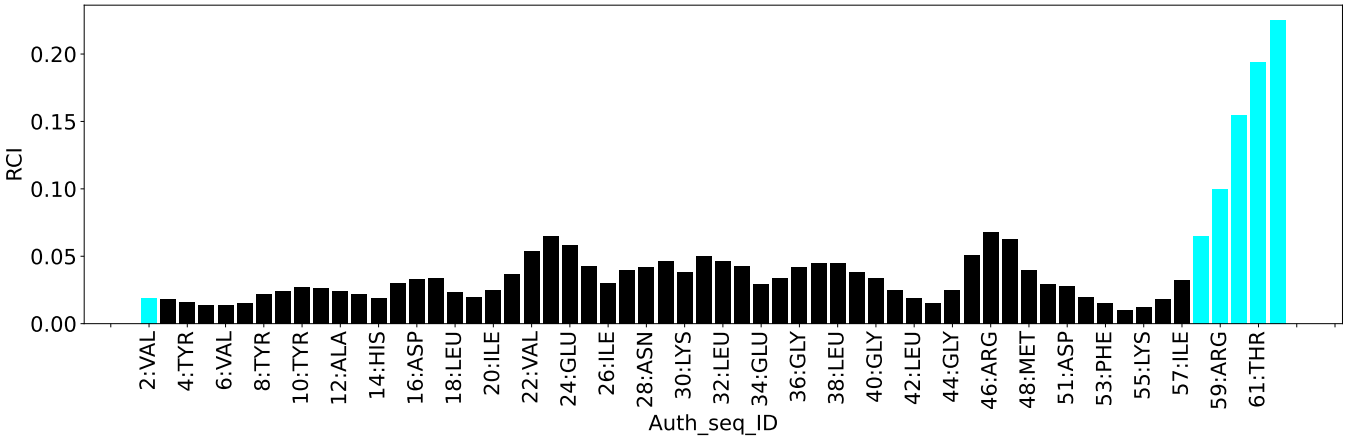
7.1.4 Statistically unusual chemical shifts

There are no statistically unusual chemical shifts.

7.1.5 Random Coil Index (RCI) plots

The image below reports *random coil index* values for the protein chains in the structure. The height of each bar gives a probability of a given residue to be disordered, as predicted from the available chemical shifts and the amino acid sequence. A value above 0.2 is an indication of significant predicted disorder. The colour of the bar shows whether the residue is in the well-defined core (black) or in the ill-defined residue ranges (cyan), as described in section 2 on ensemble composition.If well-defined core and ill-defined regions are not identified then it is shown as gray bars.

Random coil index (RCI) for chain A:



7.2 Chemical shift list 2

File name: working_cs.cif

Chemical shift list name: *Ubiquitin-CS*

7.2.1 Bookkeeping

The following table shows the results of parsing the chemical shift list and reports the number of nuclei with statistically unusual chemical shifts.

Total number of shifts	144
Number of shifts mapped to atoms	144
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

7.2.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction ± precision, *ppm*	Suggested action
$^{13}C_{\alpha}$	0	—	None (insufficient data)
$^{13}C_{\beta}$	0	—	None (insufficient data)
$^{13}C'$	0	—	None (insufficient data)
^{15}N	72	0.81 ± 0.40	Should be applied

7.2.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 7%, i.e. 132 atoms were assigned a chemical shift out of a possible 1780. 0 out of 20 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	132/631 (21%)	66/257 (26%)	0/252 (0%)	66/122 (54%)
Sidechain	0/1045 (0%)	0/671 (0%)	0/333 (0%)	0/41 (0%)
Aromatic	0/104 (0%)	0/50 (0%)	0/49 (0%)	0/5 (0%)
Overall	132/1780 (7%)	66/978 (7%)	0/634 (0%)	66/168 (39%)

The following table shows the completeness of the chemical shift assignments for the full structure. The overall completeness is 8%, i.e. 144 atoms were assigned a chemical shift out of a possible 1889. 0 out of 23 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	144/668 (22%)	72/273 (26%)	0/266 (0%)	72/129 (56%)
Sidechain	0/1117 (0%)	0/718 (0%)	0/352 (0%)	0/47 (0%)
Aromatic	0/104 (0%)	0/50 (0%)	0/49 (0%)	0/5 (0%)
Overall	144/1889 (8%)	72/1041 (7%)	0/667 (0%)	72/181 (40%)

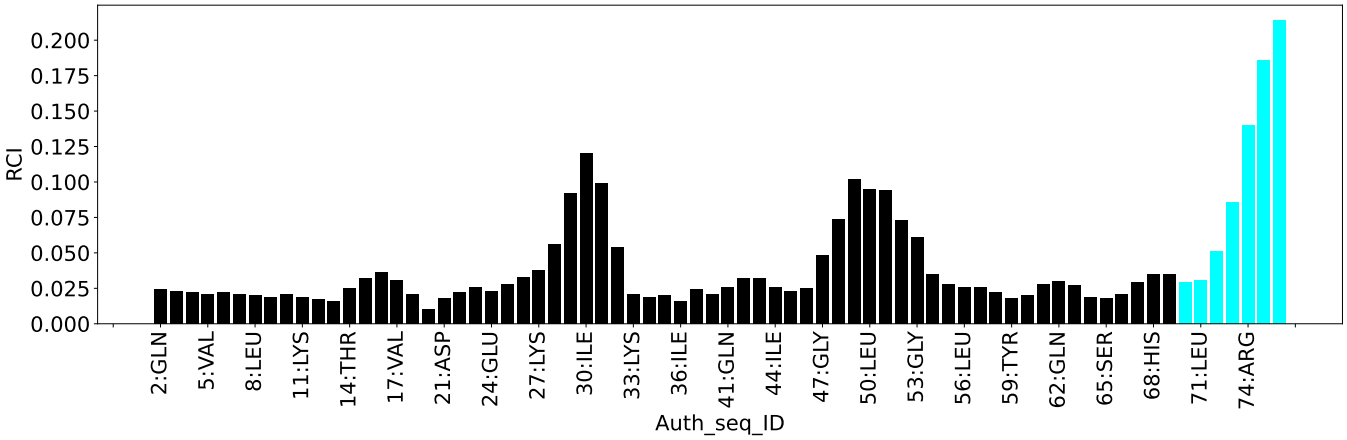
7.2.4 Statistically unusual chemical shifts

There are no statistically unusual chemical shifts.

7.2.5 Random Coil Index (RCI) plots

The image below reports *random coil index* values for the protein chains in the structure. The height of each bar gives a probability of a given residue to be disordered, as predicted from the available chemical shifts and the amino acid sequence. A value above 0.2 is an indication of significant predicted disorder. The colour of the bar shows whether the residue is in the well-defined core (black) or in the ill-defined residue ranges (cyan), as described in section 2 on ensemble composition.If well-defined core and ill-defined regions are not identified then it is shown as gray bars.

Random coil index (RCI) for chain B:


RCI
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025
0.000
2:GLN
5:VAL
8:LEU
11:LYS
14:THR
17:VAL
21:ASP
24:GLU
27:LYS
30:ILE
33:LYS
36:ILE
41:GLN
44:ILE
47:GLY
50:LEU
53:GLY
56:LEU
59:TYR
62:GLN
65:SER
68:HIS
71:LEU
74:ARG
Auth_seq_ID

8 NMR restraints analysis

8.1 Conformationally restricting restraints

The following table provides the summary of experimentally observed NMR restraints in different categories. Restraints are classified into different categories based on the sequence separation of the atoms involved.

Description	Value
Total distance restraints	26
Intra-residue (|i-j|=0)	0
Sequential (|i-j|=1)	0
Medium range (|i-j|>1 and |i-j|<5)	0
Long range (|i-j|≥5)	0
Inter-chain	26
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	0.2
Number of long range restraints per residue[1]	0.0

[1]Long range hydrogen bonds and disulfide bonds are counted as long range restraints while calculating the number of long range restraints per residue

8.2 Residual restraint violations

This section provides the overview of the restraint violations analysis. The violations are binned as small, medium and large violations based on its absolute value. Average number of violations per model is calculated by dividing the total number of violations in each bin by the size of the ensemble.

8.2.1 Average number of distance violations per model

Distance violations less than 0.1 Å are not included in the calculation.

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	1.0	0.2
0.2-0.5 (Medium)	0.9	0.35
>0.5 (Large)	2.0	4.16

8.2.2 Average number of dihedral-angle violations per model (i)

Dihedral-angle violations less than 1° are not included in the calculation.There are no dihedral-angle violations

9 Distance violation analysis (i)

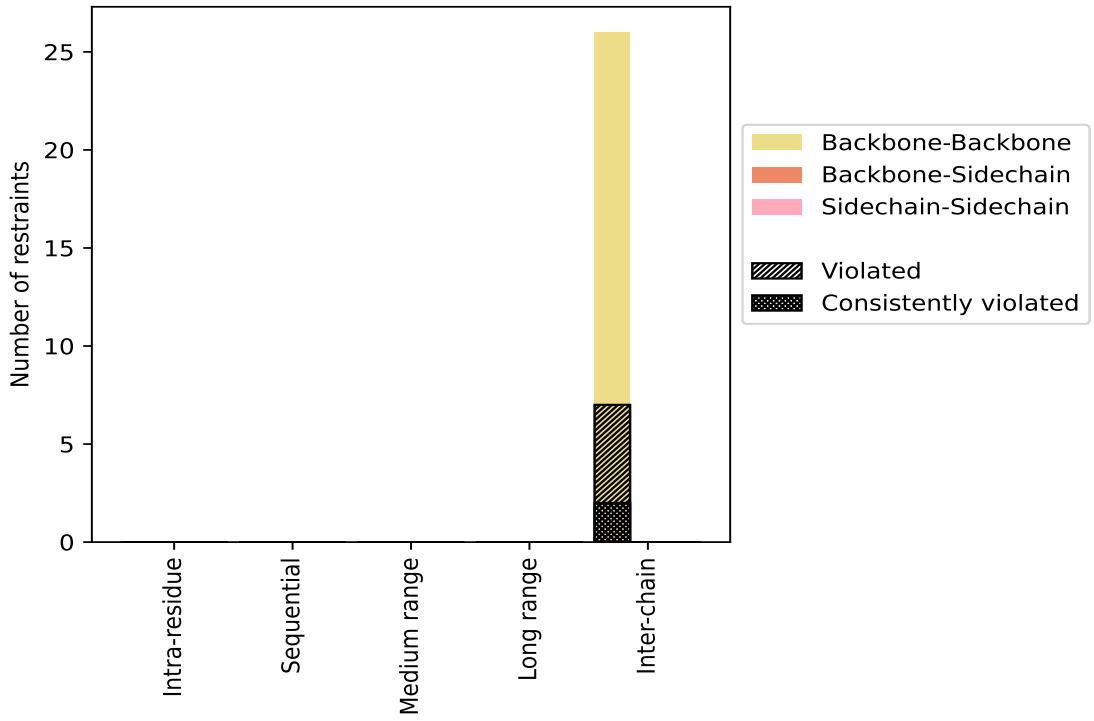
9.1 Summary of distance violations (i)

The following table shows the summary of distance violations in different restraint categories based on the sequence separation of the atoms involved. Each category is further sub-divided into three sub-categories based on the atoms involved. Violations less than 0.1 Å are not included in the statistics.

Restraints type	Count	%[1]	Violated[3]			Consistently Violated[4]		
			Count	%[2]	%[1]	Count	%[2]	%[1]
Intra-residue (|i-j|=0)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sequential (|i-j|=1)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Medium range (|i-j|>1 & |i-j|<5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Long range (|i-j|≥5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Inter-chain	26	100.0	7	26.9	26.9	2	7.7	7.7
Backbone-Backbone	26	100.0	7	26.9	26.9	2	7.7	7.7
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	26	100.0	7	26.9	26.9	2	7.7	7.7
Backbone-Backbone	26	100.0	7	26.9	26.9	2	7.7	7.7
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0

[1] percentage calculated with respect to the total number of distance restraints, [2] percentage calculated with respect to the number of restraints in a particular restraint category, [3] violated in at least one model, [4] violated in all the models

9.1.1 Bar chart : Distribution of distance restraints and violations



Violated and consistently violated restraints are shown using different hatch patterns in their respective categories. The hydrogen bonds and disulfied bonds are counted in their appropriate category on the x-axis

9.2 Distance violation statistics for each model

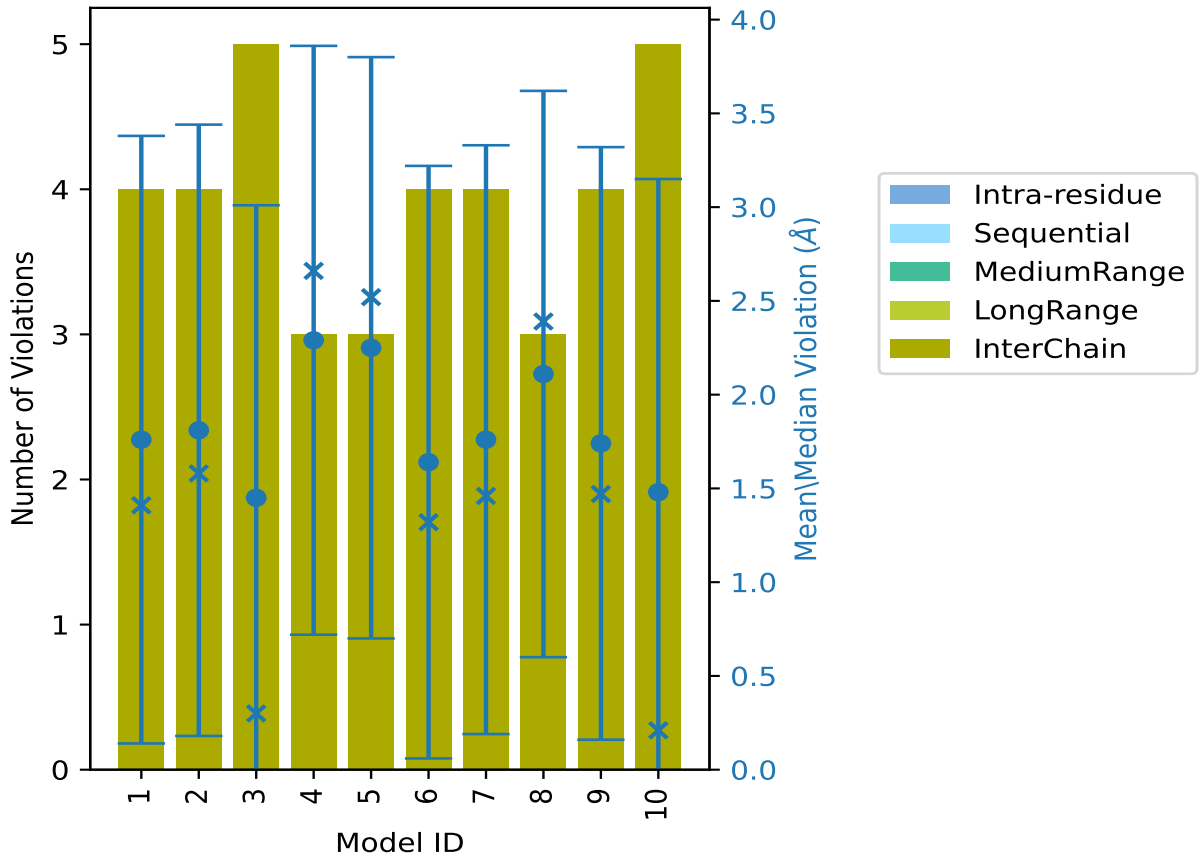
The following table provides the distance violation statistics for each model in the ensemble. Violations less than 0.1 Å are not included in the statistics.

Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
1	0	0	0	0	4	4	1.76	4.01	1.62	1.41
2	0	0	0	0	4	4	1.81	3.94	1.63	1.58
3	0	0	0	0	5	5	1.45	3.96	1.56	0.3
4	0	0	0	0	3	3	2.29	4.0	1.57	2.66
5	0	0	0	0	3	3	2.25	4.0	1.55	2.52
6	0	0	0	0	4	4	1.64	3.81	1.58	1.32
7	0	0	0	0	4	4	1.76	3.94	1.57	1.46
8	0	0	0	0	3	3	2.11	3.8	1.51	2.39
9	0	0	0	0	4	4	1.74	3.85	1.58	1.47
10	0	0	0	0	5	5	1.48	4.16	1.67	0.21

[1]Intra-residue restraints, [2]Sequential restraints, [3]Medium range restraints, [4]Long range restraints,

[5]Inter-chain restraints, [6]Standard deviation

9.2.1 Bar graph : Distance Violation statistics for each model



The mean(dot),median(x) and the standard deviation are shown in blue with respect to the y axis on the right

9.3 Distance violation statistics for the ensemble

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 19(IR:0, SQ:0, MR:0, LR:0, IC:19) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total	Count[6]	%
0	0	0	0	2	2	1	10.0
0	0	0	0	1	1	2	20.0
0	0	0	0	0	0	3	30.0
0	0	0	0	0	0	4	40.0

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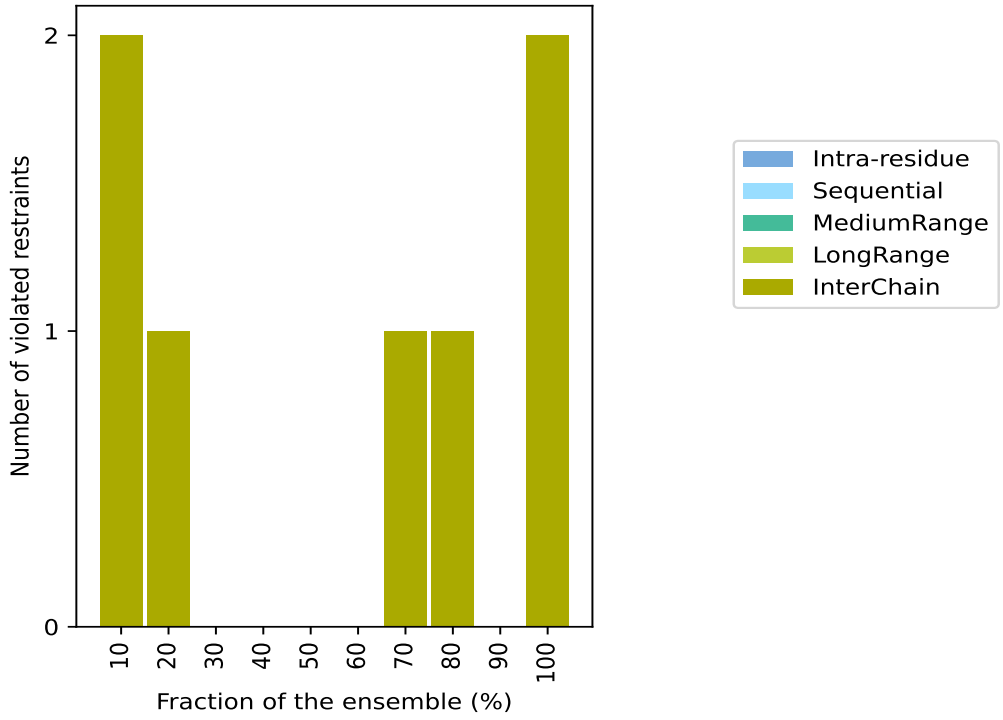
Number of violated restraints						Fraction of the ensemble	
IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total	Count[6]	%
0	0	0	0	0	0	5	50.0
0	0	0	0	0	0	6	60.0
0	0	0	0	1	1	7	70.0
0	0	0	0	1	1	8	80.0
0	0	0	0	0	0	9	90.0
0	0	0	0	2	2	10	100.0

[1]Intra-residue restraints, [2]Sequential restraints, [3]Medium range restraints, [4]Long range restraints, [5]Inter-chain restraints, [6] Number of models with violations

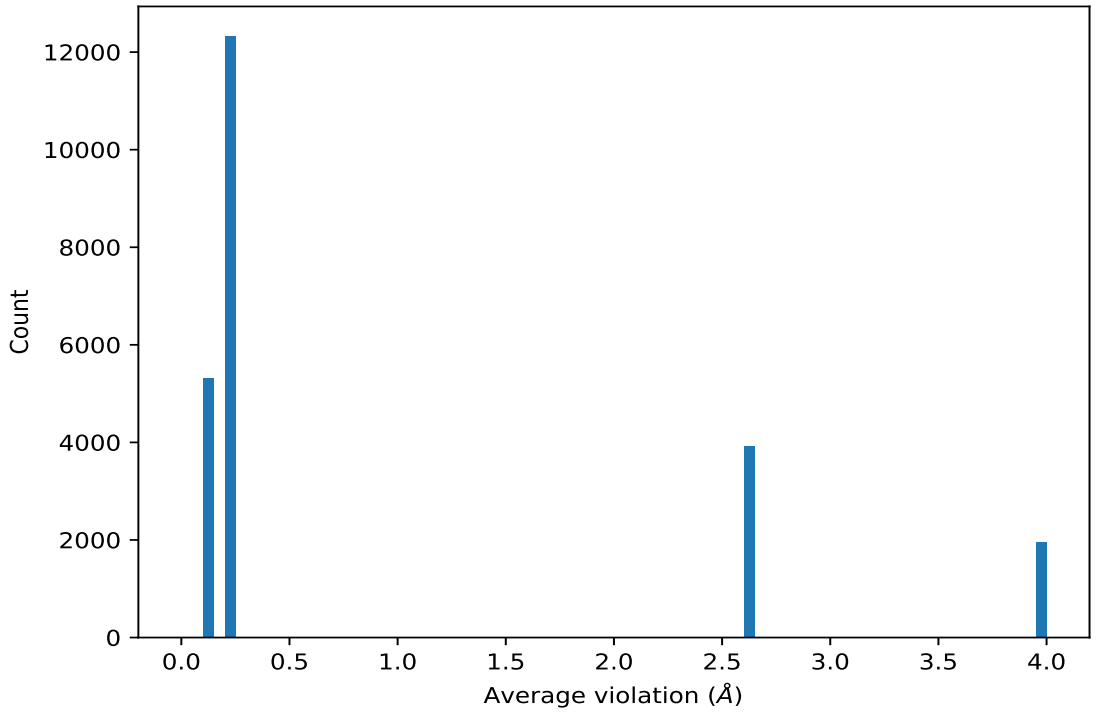
9.3.1 Bar graph : Distance violation statistics for the ensemble



9.4 Most violated distance restraints in the ensemble

9.4.1 Histogram : Distribution of mean distance violations

The following histogram shows the distribution of the average value of the violation. The average is calculated for each restraint that is violated in more than one model over all the violated models in the ensemble



9.4.2 Table: Most violated distance restraints (i)

The following table provides the mean and the standard deviation of the violation for each restraint sorted by number of violated models and the mean value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:C	1:A:10:TYR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE1	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:10:TYR:OH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:11:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:11:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:11:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:11:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:12:ALA:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:12:ALA:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:12:ALA:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:12:ALA:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG13	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:13:VAL:N	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:C	1:A:13:VAL:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:ND1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:14:HIS:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:15:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:15:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:15:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:15:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:16:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:16:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:16:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:16:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD1	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:19:THR:OG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:21:ARG:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CB	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:33:GLN:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:O	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:36:GLY:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:36:GLY:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:36:GLY:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:36:GLY:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:36:GLY:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:NE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:37:TRP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:CE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB3	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:48:MET:SD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:51:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:51:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:51:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:51:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:ND2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:52:ASN:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CG	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:C	1:A:53:PHE:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:OH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:N	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG13	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE1	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:ND1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:19:THR:O	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:CA	1:A:19:THR:OG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:OE1	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD2	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:NE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:48:MET:SD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HA	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:ND2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CA	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:10:TYR:OH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:11:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:11:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:11:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:11:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:12:ALA:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:12:ALA:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:12:ALA:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:12:ALA:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:C	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG13	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:13:VAL:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:ND1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:14:HIS:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:15:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:15:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:15:ASP:N	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:H	1:A:15:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:16:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:16:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:16:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:16:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:19:THR:OG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HE	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:21:ARG:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:33:GLN:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE1	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:36:GLY:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:36:GLY:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:36:GLY:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:36:GLY:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:36:GLY:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HH2	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:NE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:37:TRP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:CE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:48:MET:SD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:51:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:51:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:51:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:51:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB3	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:ND2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:52:ASN:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:H	1:A:53:PHE:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE1	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:OH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG13	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:N	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:ND1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD1	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:OG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CB	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:O	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:NE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB3	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:SD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:ND2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CG	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:OH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:N	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG13	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE1	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:ND1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:O	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:OG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:OE1	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD2	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:NE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:SD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HA	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:ND2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CA	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:10:TYR:OH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:11:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:11:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:11:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:11:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:12:ALA:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:12:ALA:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:12:ALA:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:12:ALA:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:C	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG13	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:13:VAL:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:ND1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:14:HIS:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:15:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:15:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:15:ASP:N	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:N	1:A:15:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:16:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:16:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:16:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:16:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:19:THR:OG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HE	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:21:ARG:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:33:GLN:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE1	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:36:GLY:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:36:GLY:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:36:GLY:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:36:GLY:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:36:GLY:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HH2	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:NE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:37:TRP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:CE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:48:MET:SD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:51:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:51:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:51:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:51:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB3	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:ND2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:52:ASN:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:N	1:A:53:PHE:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE1	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:10:TYR:OH	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:11:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:11:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:11:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:11:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:12:ALA:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:12:ALA:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:12:ALA:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:12:ALA:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG13	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:13:VAL:N	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:O	1:A:13:VAL:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:ND1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:14:HIS:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:15:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:15:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:15:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:15:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:16:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:16:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:16:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:16:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD1	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:CG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:HB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG23	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:19:THR:OG1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH11	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH12	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:21:ARG:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CB	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:NE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:33:GLN:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:O	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:36:GLY:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:36:GLY:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:36:GLY:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:36:GLY:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:36:GLY:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HH2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:NE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:37:TRP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:CE	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB3	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:48:MET:SD	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:51:ASP:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:51:ASP:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:51:ASP:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:51:ASP:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CG	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD21	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD22	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:ND2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:O	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:52:ASN:OD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:C	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CB	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CG	10	3.95	0.1	3.95

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:H	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HA	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB3	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE1	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE2	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HZ	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:N	10	3.95	0.1	3.95
(1,20)	2:B:53:GLY:O	1:A:53:PHE:O	10	3.95	0.1	3.95
(1,15)	2:B:14:THR:C	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:C	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:O	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:C	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:OE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:C	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD2	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:HA	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CA	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:C	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CA	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HE	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HH2	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB3	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CB	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CB	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:O	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB3	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CG	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:O	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CG2	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:OE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD2	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HA	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CA	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:H	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:C	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:H	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:H	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HE	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HH2	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB3	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HA	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CB	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:O	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB3	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CG	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HB	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:O	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HB	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:OE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HB	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD2	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HA	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CA	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:C	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HE	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HH2	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB3	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CB	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:O	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB3	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CG	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:O	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG22	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:OE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD2	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HA	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CA	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:C	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HE	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HH2	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB3	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:N	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:CB	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:N	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:O	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HB3	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:N	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CG	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:N	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:O	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:O	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:O	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:OE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:O	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD2	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:HA	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CA	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:OH	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:C	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG13	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:ND1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:N	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG23	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:OG1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HE	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH11	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH12	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:NE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE1	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CH2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HH2	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:NE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CE	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:SD	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB3	10	2.61	0.12	2.6

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD21	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD22	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:ND2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:O	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:OD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:C	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CB	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CG	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:H	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HA	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB3	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE1	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE2	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HZ	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:N	10	2.61	0.12	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:O	10	2.61	0.12	2.6
(1,14)	2:B:11:LYS:C	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:C	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CB	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CG	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CA	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:C	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HE	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HH2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CB	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CG	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CE	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:C	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HE	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HH2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:H	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CB	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CG	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HA	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:C	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HE	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HH2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CB	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CG	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:C	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HE	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HH2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CB	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CG	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:C	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HE	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HH2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CB	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CG	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:C	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HE	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HH2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CB	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CG	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:N	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:N	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:N	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CA	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:C	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HE	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HH2	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:OH	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG13	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:N	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:O	1:A:13:VAL:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:ND1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD1	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:CG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG23	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:OG1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH11	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH12	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CB	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:NE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:O	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HH2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:NE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:CE	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB3	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:SD	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CG	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD21	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD22	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:ND2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:O	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:OD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:C	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CB	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CG	8	0.22	0.06	0.21

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:H	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HA	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB3	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE1	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE2	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HZ	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:N	8	0.22	0.06	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:O	8	0.22	0.06	0.21
(1,18)	2:B:48:LYS:C	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:C	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:C	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:C	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:C	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HE	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HH2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CB	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CG	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CD	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:C	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HE	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HH2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CB	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CG	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:H	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:H	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:H	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:C	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HE	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HH2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CB	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CG	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:C	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HE	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HH2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CB	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CG	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:C	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HE	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HH2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CB	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CG	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:C	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HE	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HH2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CB	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CG	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:C	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:N	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HE	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HH2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CB	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB3	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CG	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:OH	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:N	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:O	1:A:11:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG13	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:ND1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:CG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:HB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG23	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:O	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:O	1:A:19:THR:OG1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH11	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH12	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:NE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:OE1	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:O	1:A:34:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD2	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HH2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:NE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:CE	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:SD	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HA	7	0.22	0.08	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD21	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD22	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:ND2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:O	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:OD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:C	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CB	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CG	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:H	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HA	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB3	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE1	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE2	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HZ	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:N	7	0.22	0.08	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:O	7	0.22	0.08	0.22
(1,22)	2:B:71:LEU:C	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:C	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:C	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:C	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HE	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:C	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HH2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HB3	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:OD1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:CB	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:O	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HB3	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CG	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:O	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CB	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CD2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:HA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:C	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HE	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HH2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HB3	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:OD1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:CB	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:O	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HB3	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CG	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:O	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CG	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CD2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:HA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:C	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:H	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:H	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HE	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:H	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HH2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HB3	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:OD1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:CB	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:O	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HB3	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CG	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:O	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CD2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:HA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:C	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HE	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HH2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HB3	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:OD1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:CB	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:O	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HB3	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CG	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:O	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CD2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:HA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:C	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HE	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HH2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HB3	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:OD1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:CB	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:O	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HB3	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CG	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:O	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CD2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:HA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:C	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HE	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HH2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HB3	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:OD1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:CB	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:O	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HB3	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CG	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:N	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:O	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:N	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:N	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CD2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:HA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:N	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CA	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:OH	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:HB1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:C	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:O	1:A:13:VAL:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:CG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG13	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:ND1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:N	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:O	1:A:15:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:CG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HG21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HG22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HG23	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:OG1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HD3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HE	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HH11	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HH12	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HH21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HH22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:NE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:NH1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:NH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HE21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HE22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:NE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:OE1	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:O	1:A:34:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:CD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:OE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:OE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:HA2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:HA3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CH2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HH2	2	0.13	0.0	0.13

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HZ2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HZ3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:NE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:CE	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HE3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HG2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HG3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:SD	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:OD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HB3	2	0.13	0.0	0.13

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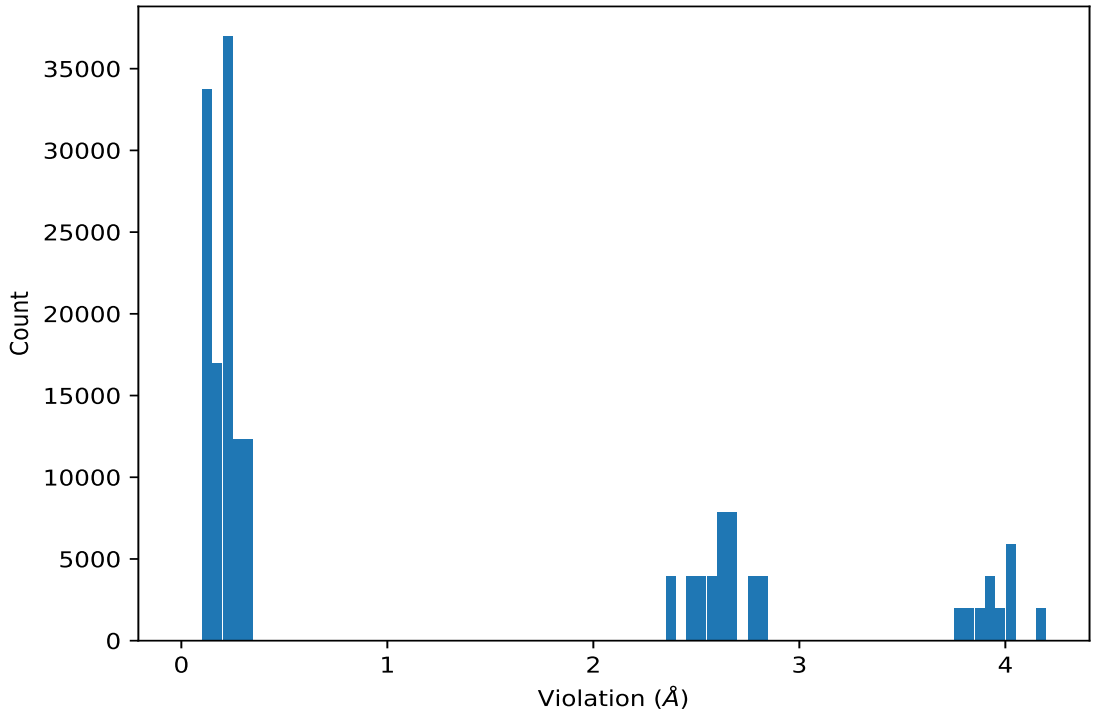
Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HD21	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HD22	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:ND2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:O	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:OD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:C	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CB	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CG	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:H	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HA	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HB2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HB3	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HD1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HD2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HE1	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HE2	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HZ	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:N	2	0.13	0.0	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:O	2	0.13	0.0	0.13

[1]Number of violated models, [2]Standard deviation

9.5 All violated distance restraints (i)

9.5.1 Histogram : Distribution of distance violations (i)

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.



9.5.2 Table : All distance violations (i)

The following table lists the absolute value of the violation for each restraint in the ensemble sorted by its value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:10:TYR:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CZ	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE1	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HH	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:OH	10	4.16
(1,20)	2:B:53:GLY:C	1:A:11:ASP:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:11:ASP:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:11:ASP:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:11:ASP:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:12:ALA:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:12:ALA:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:12:ALA:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:12:ALA:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG11	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG12	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG13	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG21	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG22	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG23	10	4.16
(1,20)	2:B:53:GLY:C	1:A:13:VAL:N	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:13:VAL:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CD2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CE1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:ND1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:NE2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:14:HIS:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:15:ASP:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:15:ASP:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:15:ASP:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:15:ASP:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:16:ASP:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:16:ASP:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:16:ASP:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:16:ASP:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD1	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:CG2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:HB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG21	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG22	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG23	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:19:THR:OG1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CD	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CZ	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HE	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH11	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH12	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH21	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH22	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NE	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:21:ARG:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CB	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CD	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE21	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE22	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:NE2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:33:GLN:OE1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:O	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:36:GLY:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:36:GLY:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:36:GLY:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:36:GLY:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:36:GLY:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CH2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HD1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HH2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:NE1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:37:TRP:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:CE	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB3	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:48:MET:SD	10	4.16
(1,20)	2:B:53:GLY:C	1:A:51:ASP:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:51:ASP:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:51:ASP:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:51:ASP:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CG	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD21	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD22	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:ND2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:52:ASN:OD1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:C	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CB	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CG	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CZ	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:H	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HA	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB3	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE1	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE2	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HZ	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:N	10	4.16
(1,20)	2:B:53:GLY:C	1:A:53:PHE:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CZ	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HH	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:OH	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:N	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG11	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG12	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG13	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG21	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG22	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG23	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CD2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CE1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE1	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:ND1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:NE2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CG2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG21	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG22	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG23	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:19:THR:O	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:19:THR:OG1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CD	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CZ	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HE	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH11	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH12	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH21	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH22	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NE	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CD	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE21	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE22	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:NE2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:OE1	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD2	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CH2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HD1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HH2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:NE1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CE	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:48:MET:SD	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HA	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD21	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD22	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:ND2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:O	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:OD1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:C	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CB	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CG	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CZ	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:H	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HA	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB3	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE1	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE2	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HZ	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:N	10	4.16
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CA	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CZ	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HH	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:10:TYR:OH	10	4.16
(1,20)	2:B:53:GLY:H	1:A:11:ASP:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:11:ASP:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:11:ASP:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:11:ASP:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:12:ALA:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:12:ALA:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:12:ALA:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:12:ALA:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:C	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG11	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG12	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG13	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG21	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG22	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG23	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:13:VAL:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CD2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CE1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:ND1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:NE2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:14:HIS:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:15:ASP:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:15:ASP:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:15:ASP:N	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:15:ASP:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:16:ASP:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:16:ASP:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:16:ASP:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:16:ASP:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:CG2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:HB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG21	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG22	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG23	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:19:THR:OG1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CD	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CZ	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HE	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH11	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH12	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH21	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH22	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NE	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:21:ARG:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CD	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE21	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE22	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:NE2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:33:GLN:OE1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE1	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:36:GLY:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:36:GLY:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:36:GLY:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:36:GLY:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:36:GLY:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CH2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HD1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HH2	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:NE1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:37:TRP:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:CE	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:48:MET:SD	10	4.16
(1,20)	2:B:53:GLY:H	1:A:51:ASP:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:51:ASP:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:51:ASP:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:51:ASP:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB3	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD21	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD22	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:ND2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:O	10	4.16
(1,20)	2:B:53:GLY:H	1:A:52:ASN:OD1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:C	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CB	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CG	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CZ	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:H	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HA	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB3	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE1	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE2	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HZ	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:N	10	4.16
(1,20)	2:B:53:GLY:H	1:A:53:PHE:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CZ	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE1	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HH	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:OH	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG11	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG12	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG13	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG21	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG22	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG23	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:N	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CD2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CE1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:ND1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:NE2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD1	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CG2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG21	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG22	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG23	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:OG1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CD	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CZ	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HE	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH11	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH12	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH21	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH22	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NE	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CB	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CD	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE21	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE22	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:NE2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:OE1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:O	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CH2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HD1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HH2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:NE1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CE	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB3	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:SD	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CG	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD21	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD22	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:ND2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:O	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:OD1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:C	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CB	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CG	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CZ	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:H	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HA	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB3	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE1	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE2	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HZ	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:N	10	4.16
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CZ	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HH	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:OH	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:N	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG11	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG12	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG13	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG21	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG22	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG23	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CD2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CE1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE1	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:ND1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:NE2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CG2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG21	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG22	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG23	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:O	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:OG1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CD	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CZ	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HE	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH11	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH12	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH21	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH22	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NE	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CD	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE21	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE22	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:NE2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:OE1	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD2	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CH2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HD1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HH2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:NE1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CE	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:SD	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HA	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD21	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD22	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:ND2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:O	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:OD1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:C	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CB	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CG	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CZ	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:H	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HA	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB3	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE1	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE2	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HZ	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:N	10	4.16
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CA	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CZ	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HH	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:10:TYR:OH	10	4.16
(1,20)	2:B:53:GLY:N	1:A:11:ASP:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:11:ASP:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:11:ASP:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:11:ASP:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:12:ALA:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:12:ALA:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:12:ALA:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:12:ALA:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:C	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG11	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG12	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG13	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG21	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG22	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG23	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:13:VAL:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CD2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CE1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:ND1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:NE2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:14:HIS:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:15:ASP:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:15:ASP:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:15:ASP:N	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:15:ASP:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:16:ASP:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:16:ASP:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:16:ASP:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:16:ASP:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:CG2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:HB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG21	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG22	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG23	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:19:THR:OG1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CD	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CZ	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HE	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH11	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH12	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH21	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH22	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NE	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:21:ARG:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CD	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE21	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE22	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:NE2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:33:GLN:OE1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE1	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:36:GLY:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:36:GLY:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:36:GLY:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:36:GLY:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:36:GLY:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CH2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HD1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HH2	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:NE1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:37:TRP:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:CE	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:48:MET:SD	10	4.16
(1,20)	2:B:53:GLY:N	1:A:51:ASP:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:51:ASP:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:51:ASP:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:51:ASP:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB3	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD21	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD22	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:ND2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:O	10	4.16
(1,20)	2:B:53:GLY:N	1:A:52:ASN:OD1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:C	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CB	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CG	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CZ	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:H	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HA	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB3	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE1	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE2	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HZ	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:N	10	4.16
(1,20)	2:B:53:GLY:N	1:A:53:PHE:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CZ	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE1	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HH	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:10:TYR:OH	10	4.16
(1,20)	2:B:53:GLY:O	1:A:11:ASP:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:11:ASP:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:11:ASP:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:11:ASP:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:12:ALA:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:12:ALA:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:12:ALA:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:12:ALA:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG11	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG12	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG13	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG21	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG22	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG23	10	4.16
(1,20)	2:B:53:GLY:O	1:A:13:VAL:N	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:13:VAL:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CD2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CE1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:ND1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:NE2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:14:HIS:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:15:ASP:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:15:ASP:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:15:ASP:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:15:ASP:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:16:ASP:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:16:ASP:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:16:ASP:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:16:ASP:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD1	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:CG2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:HB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG21	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG22	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG23	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:19:THR:OG1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CD	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CZ	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HE	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH11	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH12	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH21	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH22	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NE	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:21:ARG:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CB	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CD	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE21	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE22	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:NE2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:33:GLN:OE1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CD	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:O	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:36:GLY:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:36:GLY:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:36:GLY:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:36:GLY:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:36:GLY:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CH2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HD1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HH2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:NE1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:37:TRP:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:CE	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB3	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:48:MET:SD	10	4.16
(1,20)	2:B:53:GLY:O	1:A:51:ASP:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:51:ASP:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:51:ASP:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:51:ASP:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CG	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD21	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD22	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:ND2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:O	10	4.16
(1,20)	2:B:53:GLY:O	1:A:52:ASN:OD1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:C	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CB	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CG	10	4.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CZ	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:H	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HA	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB3	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE1	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE2	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HZ	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:N	10	4.16
(1,20)	2:B:53:GLY:O	1:A:53:PHE:O	10	4.16
(1,20)	2:B:53:GLY:C	1:A:10:TYR:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CZ	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HH	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:OH	1	4.01
(1,20)	2:B:53:GLY:C	1:A:11:ASP:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:11:ASP:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:11:ASP:N	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:11:ASP:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:12:ALA:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:12:ALA:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:12:ALA:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:12:ALA:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG11	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG12	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG13	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG21	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG22	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG23	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:13:VAL:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CD2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CE1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE1	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:ND1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:NE2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:14:HIS:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:15:ASP:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:15:ASP:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:15:ASP:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:15:ASP:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:16:ASP:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:16:ASP:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:16:ASP:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:16:ASP:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:CG2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:HB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG21	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG22	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG23	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:19:THR:O	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:19:THR:OG1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CD	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CZ	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HE	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH11	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH12	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH21	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH22	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NE	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:21:ARG:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CD	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE21	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE22	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:NE2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:33:GLN:OE1	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:34:GLU:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:36:GLY:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:36:GLY:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:36:GLY:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:36:GLY:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:36:GLY:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD2	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CH2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HD1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HH2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:NE1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:37:TRP:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:CE	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:48:MET:SD	1	4.01
(1,20)	2:B:53:GLY:C	1:A:51:ASP:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:51:ASP:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HA	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:51:ASP:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:51:ASP:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD21	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD22	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:ND2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:52:ASN:OD1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:C	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CB	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CG	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CZ	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:H	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HA	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB3	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE1	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE2	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HZ	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:N	1	4.01
(1,20)	2:B:53:GLY:C	1:A:53:PHE:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CA	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CZ	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HH	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:OH	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:C	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG11	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG12	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG13	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG21	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG22	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG23	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CD2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CE1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:ND1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:NE2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:N	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CG2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG21	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG22	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG23	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:19:THR:OG1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CD	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CZ	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HE	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH11	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH12	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH21	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH22	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NE	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CD	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE21	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE22	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:NE2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:OE1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE1	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CH2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HD1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HH2	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:NE1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CE	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:48:MET:SD	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB3	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD21	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD22	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:ND2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:O	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:OD1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:C	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CB	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CG	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CZ	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:H	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HA	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB3	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE1	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE2	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HZ	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:N	1	4.01
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CZ	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE1	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HH	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:10:TYR:OH	1	4.01
(1,20)	2:B:53:GLY:H	1:A:11:ASP:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:11:ASP:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:11:ASP:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:11:ASP:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:12:ALA:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:12:ALA:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:12:ALA:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:12:ALA:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG11	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG12	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG13	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG21	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG22	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG23	1	4.01
(1,20)	2:B:53:GLY:H	1:A:13:VAL:N	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:13:VAL:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CD2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CE1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:ND1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:NE2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:14:HIS:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:15:ASP:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:15:ASP:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:15:ASP:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:15:ASP:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:16:ASP:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:16:ASP:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:16:ASP:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:16:ASP:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD1	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:CG2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:HB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG21	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG22	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG23	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:19:THR:OG1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CD	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CZ	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HE	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH11	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH12	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH21	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH22	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NE	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:21:ARG:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CB	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CD	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE21	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE22	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:NE2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:33:GLN:OE1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:O	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:36:GLY:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:36:GLY:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:36:GLY:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:36:GLY:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:36:GLY:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CH2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HD1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HH2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:NE1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:37:TRP:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:CE	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB3	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:48:MET:SD	1	4.01
(1,20)	2:B:53:GLY:H	1:A:51:ASP:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:51:ASP:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:51:ASP:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:51:ASP:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CG	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD21	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD22	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:ND2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:O	1	4.01
(1,20)	2:B:53:GLY:H	1:A:52:ASN:OD1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:C	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CB	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CG	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CZ	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:H	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HA	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB3	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE1	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE2	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HZ	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:N	1	4.01
(1,20)	2:B:53:GLY:H	1:A:53:PHE:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CZ	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HH	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:OH	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:N	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG11	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG12	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG13	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG21	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG22	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG23	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CD2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CE1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE1	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:ND1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:NE2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CG2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG21	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG22	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG23	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:O	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:OG1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CD	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CZ	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HE	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH11	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH12	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH21	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH22	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NE	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CD	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE21	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE22	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:NE2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:OE1	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD2	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CH2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HD1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HH2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:NE1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CE	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:SD	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HA	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD21	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD22	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:ND2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:O	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:OD1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:C	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CB	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CG	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CZ	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:H	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HA	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB3	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE1	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE2	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HZ	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:N	1	4.01
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CA	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CZ	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HH	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:OH	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:C	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG11	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG12	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG13	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG21	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG22	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG23	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CD2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CE1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:ND1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:NE2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:N	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CG2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG21	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG22	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG23	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:OG1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CD	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CZ	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HE	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH11	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH12	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH21	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH22	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NE	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CD	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE21	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE22	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:NE2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:OE1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE1	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CH2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HD1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HH2	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:NE1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CE	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:SD	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB3	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD21	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD22	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:ND2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:O	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:OD1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:C	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CB	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CG	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CZ	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:H	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HA	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB3	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE1	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE2	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HZ	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:N	1	4.01
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CZ	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE1	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HH	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:10:TYR:OH	1	4.01
(1,20)	2:B:53:GLY:N	1:A:11:ASP:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:11:ASP:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:11:ASP:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:11:ASP:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:12:ALA:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:12:ALA:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:12:ALA:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:12:ALA:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG11	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG12	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG13	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG21	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG22	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG23	1	4.01
(1,20)	2:B:53:GLY:N	1:A:13:VAL:N	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:13:VAL:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CD2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CE1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:ND1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:NE2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:14:HIS:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:15:ASP:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:15:ASP:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:15:ASP:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:15:ASP:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:16:ASP:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:16:ASP:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:16:ASP:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:16:ASP:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD1	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:CG2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:HB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG21	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG22	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG23	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:19:THR:OG1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CD	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CZ	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HE	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH11	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH12	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH21	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH22	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NE	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:21:ARG:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CB	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CD	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE21	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE22	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:NE2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:33:GLN:OE1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:O	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:36:GLY:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:36:GLY:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:36:GLY:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:36:GLY:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:36:GLY:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CH2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HD1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HH2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:NE1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:37:TRP:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:CE	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB3	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:48:MET:SD	1	4.01
(1,20)	2:B:53:GLY:N	1:A:51:ASP:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:51:ASP:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:51:ASP:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:51:ASP:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CG	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD21	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD22	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:ND2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:O	1	4.01
(1,20)	2:B:53:GLY:N	1:A:52:ASN:OD1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:C	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CB	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CG	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CZ	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:H	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HA	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB3	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE1	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE2	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HZ	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:N	1	4.01
(1,20)	2:B:53:GLY:N	1:A:53:PHE:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CZ	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HH	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:10:TYR:OH	1	4.01
(1,20)	2:B:53:GLY:O	1:A:11:ASP:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:11:ASP:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:11:ASP:N	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:11:ASP:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:12:ALA:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:12:ALA:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:12:ALA:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:12:ALA:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG11	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG12	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG13	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG21	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG22	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG23	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:13:VAL:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CD2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CE1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE1	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:ND1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:NE2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:14:HIS:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:15:ASP:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:15:ASP:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:15:ASP:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:15:ASP:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:16:ASP:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:16:ASP:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:16:ASP:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:16:ASP:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:CG2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:HB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG21	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG22	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG23	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:19:THR:O	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:19:THR:OG1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CD	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CZ	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HE	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH11	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH12	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH21	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH22	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NE	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:21:ARG:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CD	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE21	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE22	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:NE2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:33:GLN:OE1	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:34:GLU:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CD	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:36:GLY:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:36:GLY:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:36:GLY:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:36:GLY:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:36:GLY:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD2	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CH2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HD1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HH2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:NE1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:37:TRP:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:CE	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:48:MET:SD	1	4.01
(1,20)	2:B:53:GLY:O	1:A:51:ASP:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:51:ASP:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HA	1	4.01

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:51:ASP:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:51:ASP:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD21	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD22	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:ND2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:O	1	4.01
(1,20)	2:B:53:GLY:O	1:A:52:ASN:OD1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:C	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CB	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CG	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CZ	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:H	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HA	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB3	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE1	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE2	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HZ	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:N	1	4.01
(1,20)	2:B:53:GLY:O	1:A:53:PHE:O	1	4.01
(1,20)	2:B:53:GLY:C	1:A:10:TYR:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CA	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CZ	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HH	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:OH	4	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:C	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG11	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG12	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG13	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG21	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG22	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG23	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CD2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CE1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:ND1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:NE2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:N	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:15:ASP:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:CG2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:HB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG21	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG22	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG23	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:OG1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CD	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CZ	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HE	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH11	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH12	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH21	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH22	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NE	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CD	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE21	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE22	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:NE2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:OE1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE1	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CH2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HD1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HH2	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:NE1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:CE	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:SD	4	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB3	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD21	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD22	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:ND2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:OD1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:C	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CB	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CG	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CZ	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:H	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HA	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB3	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE1	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE2	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HZ	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:N	4	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CZ	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE1	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HH	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:OH	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG11	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG12	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG13	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG21	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG22	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG23	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:N	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CD2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CE1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:ND1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:NE2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD1	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CG2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG21	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG22	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG23	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:OG1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CD	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CZ	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HE	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH11	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH12	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH21	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH22	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NE	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CB	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CD	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE21	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE22	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:NE2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:OE1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:O	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CH2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HD1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HH2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:NE1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CE	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB3	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:SD	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CG	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD21	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD22	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:ND2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:O	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:OD1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:C	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CB	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CG	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CZ	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:H	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HA	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB3	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE1	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE2	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HZ	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:N	4	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CZ	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HH	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:OH	4	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:N	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:11:ASP:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG11	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG12	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG13	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG21	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG22	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG23	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CD2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CE1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE1	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:ND1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:NE2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:CG2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:HB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG21	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG22	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG23	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:O	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:19:THR:OG1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CD	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CZ	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HE	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH11	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH12	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH21	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH22	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NE	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CD	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE21	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE22	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:NE2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:OE1	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:34:GLU:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD2	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CH2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HD1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HH2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:NE1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:CE	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:SD	4	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HA	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD21	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD22	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:ND2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:O	4	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:OD1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:C	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CB	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CG	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CZ	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:H	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HA	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB3	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE1	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE2	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HZ	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:N	4	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CA	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CZ	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HH	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:OH	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:C	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG11	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG12	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG13	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG21	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG22	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG23	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CD2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CE1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:ND1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:NE2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:N	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CG2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG21	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG22	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG23	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:OG1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CD	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CZ	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HE	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH11	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH12	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH21	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH22	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NE	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CD	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE21	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE22	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:NE2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:OE1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE1	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CH2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HD1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HH2	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:NE1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CE	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:SD	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB3	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD21	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD22	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:ND2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:O	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:OD1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:C	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CB	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CG	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CZ	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:H	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HA	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB3	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE1	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE2	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HZ	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:N	4	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CZ	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE1	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HH	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:OH	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG11	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG12	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG13	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG21	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG22	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG23	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:N	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CD2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CE1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:ND1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:NE2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD1	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CG2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG21	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG22	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG23	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:OG1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CD	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CZ	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HE	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH11	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH12	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH21	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH22	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NE	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CB	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CD	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE21	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE22	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:NE2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:OE1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:O	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CH2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HD1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HH2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:NE1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CE	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB3	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:SD	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CG	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD21	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD22	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:ND2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:O	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:OD1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:C	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CB	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CG	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CZ	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:H	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HA	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB3	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE1	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE2	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HZ	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:N	4	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CZ	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HH	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:OH	4	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:N	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:11:ASP:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG11	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG12	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG13	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG21	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG22	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG23	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CD2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CE1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE1	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:ND1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:NE2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:CG2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:HB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG21	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG22	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG23	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:O	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:19:THR:OG1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CD	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CZ	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HE	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH11	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH12	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH21	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH22	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NE	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CD	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE21	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE22	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:NE2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:OE1	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:34:GLU:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD2	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CH2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HD1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HH2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:NE1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:CE	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:SD	4	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HA	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD21	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD22	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:ND2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:O	4	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:OD1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:C	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CB	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CG	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CZ	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:H	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HA	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB3	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE1	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE2	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HZ	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:N	4	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CA	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CZ	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HH	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:OH	4	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:C	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG11	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG12	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG13	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG21	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG22	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG23	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CD2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CE1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:ND1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:NE2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:N	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:15:ASP:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:CG2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:HB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG21	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG22	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG23	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:OG1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CD	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CZ	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HE	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH11	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH12	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH21	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH22	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NE	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CD	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE21	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE22	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:NE2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:OE1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE1	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CD	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CH2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HD1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HH2	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:NE1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:CE	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:SD	4	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB3	4	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD21	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD22	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:ND2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:O	4	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:OD1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:C	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CB	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CG	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CZ	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:H	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HA	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB3	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE1	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE2	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HZ	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:N	4	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:O	4	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CZ	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HH	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:OH	5	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:12:ALA:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG11	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG12	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG13	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG21	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG22	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG23	5	4.0
(1,20)	2:B:53:GLY:C	1:A:13:VAL:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:13:VAL:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CD2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CE1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:ND1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:NE2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:14:HIS:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:CG2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:HB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG21	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG22	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG23	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:19:THR:OG1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CD	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CZ	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HE	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH11	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH12	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH21	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH22	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NE	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:21:ARG:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CB	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CD	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE21	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE22	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:NE2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:33:GLN:OE1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:O	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:36:GLY:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CH2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HD1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HH2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:NE1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:37:TRP:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:CE	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB3	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:48:MET:SD	5	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CG	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD21	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD22	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:ND2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:52:ASN:OD1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:C	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CB	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CG	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CZ	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:H	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HA	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB3	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE1	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE2	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HZ	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:N	5	4.0
(1,20)	2:B:53:GLY:C	1:A:53:PHE:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CZ	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HH	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:OH	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG11	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG12	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG13	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG21	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG22	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG23	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CD2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CE1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:ND1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:NE2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CG2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG21	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG22	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG23	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:19:THR:O	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:19:THR:OG1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CD	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CZ	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HE	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH11	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH12	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH21	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH22	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NE	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CD	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE21	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE22	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:NE2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:OE1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CH2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HD1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HH2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:NE1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CE	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:48:MET:SD	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD21	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD22	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:ND2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:O	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:OD1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:C	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CB	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CG	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CZ	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:H	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HA	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB3	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE1	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE2	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HZ	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:N	5	4.0
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CZ	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HH	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:10:TYR:OH	5	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:12:ALA:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:C	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG11	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG12	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG13	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG21	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG22	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG23	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:13:VAL:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CD2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CE1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:ND1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:NE2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:14:HIS:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:15:ASP:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:CG2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:HB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG21	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG22	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG23	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:19:THR:OG1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CD	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CZ	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HE	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH11	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH12	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH21	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH22	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NE	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:21:ARG:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CD	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE21	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE22	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:NE2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:33:GLN:OE1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:36:GLY:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CH2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HD1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HH2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:NE1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:37:TRP:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:CE	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:48:MET:SD	5	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB3	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD21	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD22	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:ND2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:O	5	4.0
(1,20)	2:B:53:GLY:H	1:A:52:ASN:OD1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:C	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CB	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CG	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CZ	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:H	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HA	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB3	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE1	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE2	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HZ	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:N	5	4.0
(1,20)	2:B:53:GLY:H	1:A:53:PHE:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CZ	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HH	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:OH	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG11	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG12	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG13	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG21	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG22	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG23	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CD2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CE1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:ND1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:NE2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CG2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG21	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG22	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG23	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:OG1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CD	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CZ	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HE	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH11	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH12	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH21	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH22	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NE	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CB	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CD	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE21	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE22	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:NE2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:OE1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:O	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CH2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HD1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HH2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:NE1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CE	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB3	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:SD	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CG	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD21	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD22	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:ND2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:O	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:OD1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:C	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CB	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CG	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CZ	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:H	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HA	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB3	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE1	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE2	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HZ	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:N	5	4.0
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CZ	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HH	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:OH	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG11	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG12	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG13	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG21	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG22	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG23	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CD2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CE1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:ND1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:NE2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CG2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG21	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG22	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG23	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:O	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:OG1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CD	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CZ	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HE	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH11	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH12	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH21	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH22	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NE	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CD	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE21	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE22	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:NE2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:OE1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CH2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HD1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HH2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:NE1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CE	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:SD	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD21	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD22	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:ND2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:O	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:OD1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:C	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CB	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CG	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CZ	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:H	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HA	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB3	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE1	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE2	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HZ	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:N	5	4.0
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CA	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CZ	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HH	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:10:TYR:OH	5	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:12:ALA:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:C	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG11	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG12	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG13	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG21	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG22	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG23	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:13:VAL:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CD2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CE1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:ND1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:NE2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:14:HIS:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:15:ASP:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:CG2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:HB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG21	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG22	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG23	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:19:THR:OG1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CD	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CZ	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HE	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH11	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH12	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH21	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH22	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NE	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:21:ARG:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CD	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE21	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE22	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:NE2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:33:GLN:OE1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:36:GLY:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CH2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HD1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HH2	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:NE1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:37:TRP:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:CE	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:48:MET:SD	5	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB3	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD21	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD22	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:ND2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:O	5	4.0
(1,20)	2:B:53:GLY:N	1:A:52:ASN:OD1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:C	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CB	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CG	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CZ	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:H	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HA	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB3	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE1	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE2	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HZ	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:N	5	4.0
(1,20)	2:B:53:GLY:N	1:A:53:PHE:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CZ	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HH	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:10:TYR:OH	5	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:12:ALA:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG11	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG12	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG13	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG21	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG22	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG23	5	4.0
(1,20)	2:B:53:GLY:O	1:A:13:VAL:N	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:13:VAL:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CD2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CE1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:ND1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:NE2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:14:HIS:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD1	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:CG2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:HB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG21	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG22	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG23	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:19:THR:OG1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CD	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CZ	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HE	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH11	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH12	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH21	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH22	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NE	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:21:ARG:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CB	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CD	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE21	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE22	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:NE2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:33:GLN:OE1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CD	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:O	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:36:GLY:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CH2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HD1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HH2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:NE1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:37:TRP:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:CE	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB3	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:48:MET:SD	5	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CG	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD21	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD22	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:ND2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:O	5	4.0
(1,20)	2:B:53:GLY:O	1:A:52:ASN:OD1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:C	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CB	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CG	5	4.0

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CZ	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:H	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HA	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB3	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE1	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE2	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HZ	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:N	5	4.0
(1,20)	2:B:53:GLY:O	1:A:53:PHE:O	5	4.0
(1,20)	2:B:53:GLY:C	1:A:10:TYR:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CZ	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HH	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:OH	3	3.96
(1,20)	2:B:53:GLY:C	1:A:11:ASP:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:11:ASP:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:11:ASP:N	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:11:ASP:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:12:ALA:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:12:ALA:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:12:ALA:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:12:ALA:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG11	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG12	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG13	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG21	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG22	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG23	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:13:VAL:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CD2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CE1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE1	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:ND1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:NE2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:14:HIS:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:15:ASP:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:15:ASP:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:15:ASP:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:15:ASP:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:16:ASP:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:16:ASP:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:16:ASP:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:16:ASP:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:CG2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:HB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG21	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG22	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG23	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:19:THR:O	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:19:THR:OG1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CD	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CZ	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HE	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH11	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH12	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH21	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH22	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NE	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:21:ARG:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CD	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE21	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE22	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:NE2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:33:GLN:OE1	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:34:GLU:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:36:GLY:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:36:GLY:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:36:GLY:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:36:GLY:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:36:GLY:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD2	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CH2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HD1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HH2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:NE1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:37:TRP:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:CE	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:48:MET:SD	3	3.96
(1,20)	2:B:53:GLY:C	1:A:51:ASP:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:51:ASP:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HA	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:51:ASP:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:51:ASP:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD21	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD22	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:ND2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:52:ASN:OD1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:C	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CB	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CG	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CZ	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:H	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HA	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB3	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE1	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE2	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HZ	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:N	3	3.96
(1,20)	2:B:53:GLY:C	1:A:53:PHE:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CA	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CZ	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HH	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:OH	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:C	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG11	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG12	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG13	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG21	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG22	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG23	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CD2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CE1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:ND1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:NE2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:N	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CG2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG21	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG22	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG23	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:19:THR:OG1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CD	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CZ	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HE	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH11	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH12	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH21	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH22	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NE	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CD	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE21	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE22	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:NE2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:OE1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE1	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CH2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HD1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HH2	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:NE1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CE	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:48:MET:SD	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB3	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD21	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD22	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:ND2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:O	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:OD1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:C	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CB	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CG	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CZ	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:H	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HA	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB3	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE1	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE2	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HZ	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:N	3	3.96
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CZ	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE1	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HH	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:10:TYR:OH	3	3.96
(1,20)	2:B:53:GLY:H	1:A:11:ASP:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:11:ASP:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:11:ASP:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:11:ASP:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:12:ALA:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:12:ALA:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:12:ALA:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:12:ALA:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG11	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG12	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG13	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG21	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG22	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG23	3	3.96
(1,20)	2:B:53:GLY:H	1:A:13:VAL:N	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:13:VAL:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CD2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CE1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:ND1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:NE2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:14:HIS:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:15:ASP:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:15:ASP:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:15:ASP:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:15:ASP:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:16:ASP:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:16:ASP:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:16:ASP:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:16:ASP:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD1	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:CG2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:HB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG21	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG22	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG23	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:19:THR:OG1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CD	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CZ	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HE	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH11	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH12	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH21	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH22	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NE	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:21:ARG:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CB	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CD	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE21	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE22	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:NE2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:33:GLN:OE1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:O	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:36:GLY:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:36:GLY:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:36:GLY:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:36:GLY:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:36:GLY:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CH2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HD1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HH2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:NE1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:37:TRP:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:CE	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB3	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:48:MET:SD	3	3.96
(1,20)	2:B:53:GLY:H	1:A:51:ASP:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:51:ASP:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:51:ASP:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:51:ASP:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CG	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD21	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD22	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:ND2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:O	3	3.96
(1,20)	2:B:53:GLY:H	1:A:52:ASN:OD1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:C	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CB	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CG	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CZ	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:H	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HA	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB3	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE1	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE2	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HZ	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:N	3	3.96
(1,20)	2:B:53:GLY:H	1:A:53:PHE:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CZ	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HH	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:OH	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:N	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG11	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG12	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG13	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG21	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG22	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG23	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CD2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CE1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE1	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:ND1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:NE2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CG2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG21	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG22	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG23	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:O	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:OG1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CD	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CZ	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HE	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH11	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH12	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH21	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH22	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NE	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CD	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE21	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE22	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:NE2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:OE1	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD2	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CH2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HD1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HH2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:NE1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CE	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:SD	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HA	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD21	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD22	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:ND2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:O	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:OD1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:C	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CB	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CG	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CZ	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:H	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HA	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB3	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE1	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE2	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HZ	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:N	3	3.96
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CA	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CZ	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HH	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:OH	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:C	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG11	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG12	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG13	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG21	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG22	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG23	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CD2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CE1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:ND1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:NE2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:N	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CG2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG21	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG22	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG23	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:OG1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CD	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CZ	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HE	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH11	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH12	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH21	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH22	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NE	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CD	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE21	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE22	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:NE2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:OE1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE1	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CH2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HD1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HH2	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:NE1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CE	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:SD	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB3	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD21	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD22	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:ND2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:O	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:OD1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:C	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CB	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CG	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CZ	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:H	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HA	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB3	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE1	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE2	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HZ	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:N	3	3.96
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CZ	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE1	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HH	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:10:TYR:OH	3	3.96
(1,20)	2:B:53:GLY:N	1:A:11:ASP:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:11:ASP:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:11:ASP:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:11:ASP:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:12:ALA:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:12:ALA:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:12:ALA:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:12:ALA:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG11	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG12	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG13	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG21	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG22	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG23	3	3.96
(1,20)	2:B:53:GLY:N	1:A:13:VAL:N	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:13:VAL:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CD2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CE1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:ND1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:NE2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:14:HIS:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:15:ASP:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:15:ASP:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:15:ASP:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:15:ASP:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:16:ASP:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:16:ASP:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:16:ASP:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:16:ASP:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD1	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:CG2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:HB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG21	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG22	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG23	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:19:THR:OG1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CD	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CZ	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HE	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH11	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH12	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH21	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH22	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NE	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:21:ARG:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CB	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CD	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE21	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE22	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:NE2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:33:GLN:OE1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:O	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:36:GLY:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:36:GLY:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:36:GLY:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:36:GLY:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:36:GLY:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CH2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HD1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HH2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:NE1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:37:TRP:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:CE	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB3	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:48:MET:SD	3	3.96
(1,20)	2:B:53:GLY:N	1:A:51:ASP:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:51:ASP:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:51:ASP:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:51:ASP:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CG	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD21	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD22	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:ND2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:O	3	3.96
(1,20)	2:B:53:GLY:N	1:A:52:ASN:OD1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:C	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CB	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CG	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CZ	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:H	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HA	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB3	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE1	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE2	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HZ	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:N	3	3.96
(1,20)	2:B:53:GLY:N	1:A:53:PHE:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CZ	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HH	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:10:TYR:OH	3	3.96
(1,20)	2:B:53:GLY:O	1:A:11:ASP:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:11:ASP:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:11:ASP:N	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:11:ASP:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:12:ALA:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:12:ALA:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:12:ALA:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:12:ALA:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG11	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG12	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG13	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG21	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG22	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG23	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:13:VAL:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CD2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CE1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE1	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:ND1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:NE2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:14:HIS:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:15:ASP:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:15:ASP:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:15:ASP:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:15:ASP:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:16:ASP:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:16:ASP:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:16:ASP:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:16:ASP:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:CG2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:HB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG21	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG22	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG23	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:19:THR:O	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:19:THR:OG1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CD	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CZ	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HE	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH11	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH12	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH21	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH22	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NE	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:21:ARG:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CD	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE21	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE22	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:NE2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:33:GLN:OE1	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:34:GLU:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CD	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:36:GLY:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:36:GLY:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:36:GLY:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:36:GLY:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:36:GLY:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD2	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CH2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HD1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HH2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:NE1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:37:TRP:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:CE	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:48:MET:SD	3	3.96
(1,20)	2:B:53:GLY:O	1:A:51:ASP:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:51:ASP:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HA	3	3.96

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:51:ASP:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:51:ASP:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD21	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD22	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:ND2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:O	3	3.96
(1,20)	2:B:53:GLY:O	1:A:52:ASN:OD1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:C	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CB	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CG	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CZ	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:H	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HA	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB3	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE1	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE2	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HZ	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:N	3	3.96
(1,20)	2:B:53:GLY:O	1:A:53:PHE:O	3	3.96
(1,20)	2:B:53:GLY:C	1:A:10:TYR:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CA	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CZ	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HH	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:OH	2	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:C	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG11	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG12	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG13	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG21	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG22	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG23	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CD2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CE1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:ND1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:NE2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:N	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:15:ASP:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:CG2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:HB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG21	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG22	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG23	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:OG1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CD	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CZ	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HE	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH11	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH12	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH21	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH22	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NE	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CD	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE21	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE22	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:NE2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:OE1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE1	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CH2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HD1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HH2	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:NE1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:CE	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:SD	2	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB3	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD21	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD22	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:ND2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:OD1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:C	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CB	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CG	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CZ	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:H	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HA	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB3	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE1	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE2	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HZ	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:N	2	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CZ	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE1	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HH	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:OH	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG11	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG12	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG13	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG21	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG22	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG23	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:N	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CD2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CE1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:ND1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:NE2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD1	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CG2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG21	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG22	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG23	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:OG1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CD	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CZ	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HE	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH11	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH12	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH21	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH22	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NE	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CB	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CD	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE21	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE22	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:NE2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:OE1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:O	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CH2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HD1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HH2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:NE1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CE	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB3	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:SD	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CG	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD21	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD22	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:ND2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:O	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:OD1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:C	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CB	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CG	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CZ	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:H	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HA	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB3	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE1	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE2	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HZ	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:N	2	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CZ	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HH	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:OH	2	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:N	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:11:ASP:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG11	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG12	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG13	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG21	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG22	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG23	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CD2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CE1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE1	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:ND1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:NE2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:CG2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:HB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG21	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG22	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG23	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:O	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:19:THR:OG1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CD	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CZ	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HE	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH11	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH12	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH21	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH22	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NE	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CD	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE21	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE22	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:NE2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:OE1	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:34:GLU:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD2	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CH2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HD1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HH2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:NE1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:CE	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:SD	2	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HA	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD21	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD22	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:ND2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:O	2	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:OD1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:C	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CB	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CG	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CZ	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:H	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HA	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB3	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE1	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE2	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HZ	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:N	2	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CA	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CZ	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HH	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:OH	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:C	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG11	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG12	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG13	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG21	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG22	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG23	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CD2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CE1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:ND1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:NE2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:N	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CG2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG21	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG22	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG23	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:OG1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CD	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CZ	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HE	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH11	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH12	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH21	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH22	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NE	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CD	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE21	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE22	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:NE2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:OE1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE1	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CH2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HD1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HH2	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:NE1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CE	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:SD	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB3	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD21	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD22	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:ND2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:O	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:OD1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:C	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CB	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CG	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CZ	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:H	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HA	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB3	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE1	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE2	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HZ	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:N	2	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CZ	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE1	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HH	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:OH	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG11	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG12	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG13	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG21	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG22	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG23	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:N	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CD2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CE1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:ND1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:NE2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD1	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CG2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG21	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG22	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG23	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:OG1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CD	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CZ	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HE	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH11	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH12	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH21	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH22	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NE	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CB	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CD	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE21	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE22	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:NE2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:OE1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:O	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CH2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HD1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HH2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:NE1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CE	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB3	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:SD	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CG	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD21	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD22	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:ND2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:O	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:OD1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:C	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CB	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CG	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CZ	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:H	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HA	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB3	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE1	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE2	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HZ	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:N	2	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CZ	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HH	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:OH	2	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:N	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:11:ASP:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG11	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG12	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG13	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG21	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG22	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG23	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CD2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CE1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE1	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:ND1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:NE2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:CG2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:HB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG21	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG22	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG23	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:O	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:19:THR:OG1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CD	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CZ	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HE	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH11	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH12	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH21	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH22	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NE	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CD	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE21	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE22	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:NE2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:OE1	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:34:GLU:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD2	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CH2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HD1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HH2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:NE1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:CE	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:SD	2	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HA	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD21	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD22	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:ND2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:O	2	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:OD1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:C	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CB	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CG	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CZ	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:H	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HA	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB3	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE1	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE2	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HZ	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:N	2	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CA	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CZ	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HH	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:OH	2	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:C	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG11	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG12	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG13	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG21	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG22	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG23	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CD2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CE1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:ND1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:NE2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:N	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:15:ASP:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:CG2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:HB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG21	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG22	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG23	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:OG1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CD	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CZ	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HE	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH11	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH12	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH21	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH22	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NE	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CD	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE21	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE22	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:NE2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:OE1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE1	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CD	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CH2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HD1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HH2	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:NE1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:CE	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:SD	2	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB3	2	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD21	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD22	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:ND2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:O	2	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:OD1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:C	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CB	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CG	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CZ	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:H	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HA	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB3	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE1	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE2	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HZ	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:N	2	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:O	2	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CZ	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE1	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HH	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:OH	7	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:12:ALA:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG11	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG12	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG13	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG21	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG22	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG23	7	3.94
(1,20)	2:B:53:GLY:C	1:A:13:VAL:N	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:13:VAL:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CD2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CE1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:ND1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:NE2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:14:HIS:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD1	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:CG2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:HB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG21	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG22	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG23	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:19:THR:OG1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CD	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CZ	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HE	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH11	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH12	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH21	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH22	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NE	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:21:ARG:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CB	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CD	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE21	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE22	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:NE2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:33:GLN:OE1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:O	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:36:GLY:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CH2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HD1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HH2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:NE1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:37:TRP:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:CE	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB3	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:48:MET:SD	7	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CG	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD21	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD22	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:ND2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:52:ASN:OD1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:C	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CB	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CG	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CZ	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:H	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HA	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB3	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE1	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE2	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HZ	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:N	7	3.94
(1,20)	2:B:53:GLY:C	1:A:53:PHE:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CZ	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HH	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:OH	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:N	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG11	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG12	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG13	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG21	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG22	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG23	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CD2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CE1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE1	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:ND1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:NE2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CG2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG21	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG22	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG23	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:19:THR:O	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:19:THR:OG1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CD	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CZ	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HE	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH11	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH12	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH21	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH22	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NE	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CD	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE21	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE22	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:NE2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:OE1	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD2	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CH2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HD1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HH2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:NE1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CE	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:48:MET:SD	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HA	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD21	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD22	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:ND2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:O	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:OD1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:C	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CB	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CG	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CZ	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:H	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HA	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB3	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE1	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE2	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HZ	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:N	7	3.94
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CA	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CZ	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HH	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:10:TYR:OH	7	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:12:ALA:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:C	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG11	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG12	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG13	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG21	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG22	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG23	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:13:VAL:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CD2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CE1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:ND1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:NE2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:14:HIS:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:N	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:15:ASP:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:CG2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:HB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG21	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG22	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG23	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:19:THR:OG1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CD	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CZ	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HE	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH11	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH12	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH21	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH22	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NE	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:21:ARG:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CD	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE21	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE22	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:NE2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:33:GLN:OE1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE1	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:36:GLY:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CH2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HD1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HH2	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:NE1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:37:TRP:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:CE	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:48:MET:SD	7	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB3	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD21	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD22	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:ND2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:O	7	3.94
(1,20)	2:B:53:GLY:H	1:A:52:ASN:OD1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:C	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CB	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CG	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CZ	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:H	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HA	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB3	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE1	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE2	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HZ	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:N	7	3.94
(1,20)	2:B:53:GLY:H	1:A:53:PHE:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CZ	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE1	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HH	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:OH	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG11	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG12	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG13	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG21	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG22	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG23	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:N	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CD2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CE1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:ND1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:NE2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD1	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CG2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG21	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG22	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG23	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:OG1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CD	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CZ	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HE	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH11	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH12	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH21	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH22	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NE	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CB	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CD	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE21	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE22	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:NE2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:OE1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:O	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CH2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HD1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HH2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:NE1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CE	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB3	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:SD	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CG	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD21	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD22	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:ND2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:O	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:OD1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:C	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CB	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CG	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CZ	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:H	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HA	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB3	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE1	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE2	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HZ	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:N	7	3.94
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CZ	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HH	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:OH	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:N	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG11	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG12	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG13	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG21	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG22	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG23	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CD2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CE1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE1	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:ND1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:NE2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CG2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG21	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG22	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG23	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:O	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:OG1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CD	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CZ	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HE	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH11	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH12	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH21	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH22	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NE	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CD	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE21	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE22	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:NE2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:OE1	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD2	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CH2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HD1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HH2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:NE1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CE	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:SD	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HA	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD21	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD22	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:ND2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:O	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:OD1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:C	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CB	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CG	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CZ	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:H	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HA	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB3	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE1	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE2	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HZ	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:N	7	3.94
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CA	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CZ	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HH	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:10:TYR:OH	7	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:12:ALA:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:C	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG11	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG12	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG13	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG21	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG22	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG23	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:13:VAL:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CD2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CE1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:ND1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:NE2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:14:HIS:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:N	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:15:ASP:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:CG2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:HB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG21	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG22	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG23	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:19:THR:OG1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CD	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CZ	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HE	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH11	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH12	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH21	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH22	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NE	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:21:ARG:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CD	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE21	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE22	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:NE2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:33:GLN:OE1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE1	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:36:GLY:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CH2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HD1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HH2	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:NE1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:37:TRP:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:CE	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:48:MET:SD	7	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB3	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD21	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD22	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:ND2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:O	7	3.94
(1,20)	2:B:53:GLY:N	1:A:52:ASN:OD1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:C	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CB	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CG	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CZ	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:H	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HA	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB3	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE1	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE2	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HZ	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:N	7	3.94
(1,20)	2:B:53:GLY:N	1:A:53:PHE:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CZ	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE1	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HH	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:10:TYR:OH	7	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:12:ALA:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG11	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG12	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG13	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG21	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG22	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG23	7	3.94
(1,20)	2:B:53:GLY:O	1:A:13:VAL:N	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:13:VAL:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CD2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CE1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:ND1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:NE2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:14:HIS:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD1	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:CG2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:HB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG21	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG22	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG23	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:19:THR:OG1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CD	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CZ	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HE	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH11	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH12	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH21	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH22	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NE	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:21:ARG:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CB	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CD	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE21	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE22	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:NE2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:33:GLN:OE1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CD	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:O	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:36:GLY:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CH2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HD1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HH2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:NE1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:37:TRP:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:CE	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB3	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:48:MET:SD	7	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CG	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD21	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD22	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:ND2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:O	7	3.94
(1,20)	2:B:53:GLY:O	1:A:52:ASN:OD1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:C	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CB	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CG	7	3.94

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CZ	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:H	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HA	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB3	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE1	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE2	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HZ	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:N	7	3.94
(1,20)	2:B:53:GLY:O	1:A:53:PHE:O	7	3.94
(1,20)	2:B:53:GLY:C	1:A:10:TYR:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CZ	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HH	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:OH	9	3.85
(1,20)	2:B:53:GLY:C	1:A:11:ASP:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:11:ASP:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:11:ASP:N	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:11:ASP:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:12:ALA:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:12:ALA:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:12:ALA:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:12:ALA:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG11	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG12	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG13	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG21	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG22	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG23	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:13:VAL:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CD2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CE1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE1	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:ND1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:NE2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:14:HIS:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:15:ASP:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:15:ASP:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:15:ASP:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:15:ASP:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:16:ASP:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:16:ASP:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:16:ASP:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:16:ASP:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:CG2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:HB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG21	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG22	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG23	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:19:THR:O	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:19:THR:OG1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CD	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CZ	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HE	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH11	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH12	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH21	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH22	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NE	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:21:ARG:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CD	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE21	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE22	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:NE2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:33:GLN:OE1	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:34:GLU:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:36:GLY:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:36:GLY:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:36:GLY:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:36:GLY:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:36:GLY:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD2	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CH2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HD1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HH2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:NE1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:37:TRP:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:CE	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:48:MET:SD	9	3.85
(1,20)	2:B:53:GLY:C	1:A:51:ASP:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:51:ASP:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HA	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:51:ASP:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:51:ASP:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD21	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD22	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:ND2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:52:ASN:OD1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:C	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CB	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CG	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CZ	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:H	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HA	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB3	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE1	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE2	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HZ	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:N	9	3.85
(1,20)	2:B:53:GLY:C	1:A:53:PHE:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CA	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CZ	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HH	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:OH	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:C	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG11	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG12	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG13	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG21	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG22	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG23	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CD2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CE1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:ND1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:NE2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:N	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CG2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG21	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG22	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG23	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:19:THR:OG1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CD	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CZ	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HE	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH11	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH12	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH21	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH22	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NE	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CD	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE21	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE22	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:NE2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:OE1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE1	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CH2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HD1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HH2	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:NE1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CE	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:48:MET:SD	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB3	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD21	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD22	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:ND2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:O	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:OD1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:C	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CB	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CG	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CZ	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:H	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HA	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB3	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE1	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE2	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HZ	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:N	9	3.85
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CZ	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE1	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HH	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:10:TYR:OH	9	3.85
(1,20)	2:B:53:GLY:H	1:A:11:ASP:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:11:ASP:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:11:ASP:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:11:ASP:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:12:ALA:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:12:ALA:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:12:ALA:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:12:ALA:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG11	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG12	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG13	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG21	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG22	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG23	9	3.85
(1,20)	2:B:53:GLY:H	1:A:13:VAL:N	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:13:VAL:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CD2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CE1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:ND1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:NE2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:14:HIS:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:15:ASP:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:15:ASP:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:15:ASP:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:15:ASP:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:16:ASP:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:16:ASP:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:16:ASP:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:16:ASP:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD1	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:CG2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:HB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG21	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG22	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG23	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:19:THR:OG1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CD	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CZ	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HE	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH11	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH12	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH21	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH22	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NE	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:21:ARG:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CB	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CD	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE21	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE22	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:NE2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:33:GLN:OE1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:O	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:36:GLY:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:36:GLY:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:36:GLY:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:36:GLY:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:36:GLY:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CH2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HD1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HH2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:NE1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:37:TRP:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:CE	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB3	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:48:MET:SD	9	3.85
(1,20)	2:B:53:GLY:H	1:A:51:ASP:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:51:ASP:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:51:ASP:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:51:ASP:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CG	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD21	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD22	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:ND2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:O	9	3.85
(1,20)	2:B:53:GLY:H	1:A:52:ASN:OD1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:C	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CB	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CG	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CZ	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:H	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HA	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB3	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE1	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE2	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HZ	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:N	9	3.85
(1,20)	2:B:53:GLY:H	1:A:53:PHE:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CZ	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HH	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:OH	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:N	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG11	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG12	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG13	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG21	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG22	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG23	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CD2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CE1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE1	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:ND1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:NE2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CG2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG21	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG22	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG23	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:O	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:OG1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CD	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CZ	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HE	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH11	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH12	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH21	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH22	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NE	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CD	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE21	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE22	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:NE2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:OE1	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD2	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CH2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HD1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HH2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:NE1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CE	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:SD	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HA	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD21	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD22	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:ND2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:O	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:OD1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:C	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CB	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CG	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CZ	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:H	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HA	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB3	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE1	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE2	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HZ	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:N	9	3.85
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CA	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CZ	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HH	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:OH	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:C	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG11	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG12	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG13	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG21	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG22	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG23	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CD2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CE1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:ND1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:NE2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:N	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CG2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG21	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG22	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG23	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:OG1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CD	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CZ	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HE	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH11	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH12	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH21	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH22	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NE	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CD	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE21	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE22	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:NE2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:OE1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE1	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CH2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HD1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HH2	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:NE1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CE	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:SD	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB3	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD21	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD22	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:ND2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:O	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:OD1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:C	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CB	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CG	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CZ	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:H	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HA	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB3	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE1	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE2	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HZ	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:N	9	3.85
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CZ	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE1	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HH	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:10:TYR:OH	9	3.85
(1,20)	2:B:53:GLY:N	1:A:11:ASP:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:11:ASP:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:11:ASP:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:11:ASP:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:12:ALA:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:12:ALA:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:12:ALA:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:12:ALA:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG11	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG12	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG13	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG21	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG22	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG23	9	3.85
(1,20)	2:B:53:GLY:N	1:A:13:VAL:N	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:13:VAL:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CD2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CE1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:ND1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:NE2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:14:HIS:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:15:ASP:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:15:ASP:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:15:ASP:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:15:ASP:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:16:ASP:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:16:ASP:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:16:ASP:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:16:ASP:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD1	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:CG2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:HB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG21	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG22	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG23	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:19:THR:OG1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CD	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CZ	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HE	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH11	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH12	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH21	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH22	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NE	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:21:ARG:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CB	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CD	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE21	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE22	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:NE2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:33:GLN:OE1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:O	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:36:GLY:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:36:GLY:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:36:GLY:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:36:GLY:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:36:GLY:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CH2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HD1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HH2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:NE1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:37:TRP:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:CE	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB3	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:48:MET:SD	9	3.85
(1,20)	2:B:53:GLY:N	1:A:51:ASP:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:51:ASP:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:51:ASP:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:51:ASP:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CG	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD21	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD22	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:ND2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:O	9	3.85
(1,20)	2:B:53:GLY:N	1:A:52:ASN:OD1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:C	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CB	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CG	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CZ	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:H	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HA	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB3	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE1	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE2	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HZ	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:N	9	3.85
(1,20)	2:B:53:GLY:N	1:A:53:PHE:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CZ	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HH	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:10:TYR:OH	9	3.85
(1,20)	2:B:53:GLY:O	1:A:11:ASP:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:11:ASP:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:11:ASP:N	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:11:ASP:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:12:ALA:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:12:ALA:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:12:ALA:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:12:ALA:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG11	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG12	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG13	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG21	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG22	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG23	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:13:VAL:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CD2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CE1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE1	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:ND1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:NE2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:14:HIS:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:15:ASP:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:15:ASP:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:15:ASP:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:15:ASP:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:16:ASP:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:16:ASP:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:16:ASP:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:16:ASP:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:CG2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:HB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG21	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG22	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG23	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:19:THR:O	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:19:THR:OG1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CD	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CZ	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HE	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH11	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH12	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH21	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH22	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NE	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:21:ARG:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CD	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE21	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE22	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:NE2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:33:GLN:OE1	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:34:GLU:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CD	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:36:GLY:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:36:GLY:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:36:GLY:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:36:GLY:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:36:GLY:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD2	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CH2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HD1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HH2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:NE1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:37:TRP:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:CE	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:48:MET:SD	9	3.85
(1,20)	2:B:53:GLY:O	1:A:51:ASP:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:51:ASP:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HA	9	3.85

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:51:ASP:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:51:ASP:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD21	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD22	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:ND2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:O	9	3.85
(1,20)	2:B:53:GLY:O	1:A:52:ASN:OD1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:C	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CB	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CG	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CZ	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:H	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HA	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB3	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE1	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE2	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HZ	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:N	9	3.85
(1,20)	2:B:53:GLY:O	1:A:53:PHE:O	9	3.85
(1,20)	2:B:53:GLY:C	1:A:10:TYR:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CA	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CZ	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HH	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:OH	6	3.81
(1,20)	2:B:53:GLY:C	1:A:11:ASP:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:11:ASP:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:11:ASP:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:11:ASP:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:12:ALA:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:12:ALA:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:12:ALA:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:12:ALA:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:C	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG11	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG12	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG13	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG21	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG22	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG23	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:13:VAL:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CD2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CE1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:ND1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:NE2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:14:HIS:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:15:ASP:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:15:ASP:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:15:ASP:N	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:15:ASP:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:16:ASP:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:16:ASP:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:16:ASP:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:16:ASP:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:CG2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:HB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG21	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG22	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG23	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:19:THR:OG1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CD	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CZ	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HE	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH11	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH12	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH21	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH22	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NE	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:21:ARG:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CD	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE21	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE22	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:NE2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:33:GLN:OE1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE1	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:36:GLY:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:36:GLY:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:36:GLY:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:36:GLY:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:36:GLY:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CH2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HD1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HH2	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:NE1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:37:TRP:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:CE	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:48:MET:SD	6	3.81
(1,20)	2:B:53:GLY:C	1:A:51:ASP:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:51:ASP:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:51:ASP:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:51:ASP:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB3	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD21	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD22	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:ND2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:52:ASN:OD1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:C	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CB	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CG	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CZ	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:H	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HA	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB3	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE1	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE2	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HZ	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:N	6	3.81
(1,20)	2:B:53:GLY:C	1:A:53:PHE:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CZ	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE1	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HH	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:OH	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG11	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG12	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG13	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG21	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG22	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG23	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:N	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CD2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CE1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:ND1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:NE2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD1	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CG2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG21	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG22	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG23	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:19:THR:OG1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CD	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CZ	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HE	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH11	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH12	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH21	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH22	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NE	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CB	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CD	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE21	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE22	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:NE2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:OE1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:O	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CH2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HD1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HH2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:NE1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CE	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB3	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:48:MET:SD	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CG	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD21	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD22	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:ND2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:O	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:OD1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:C	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CB	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CG	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CZ	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:H	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HA	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB3	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE1	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE2	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HZ	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:N	6	3.81
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CZ	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HH	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:10:TYR:OH	6	3.81
(1,20)	2:B:53:GLY:H	1:A:11:ASP:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:11:ASP:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:11:ASP:N	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:11:ASP:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:12:ALA:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:12:ALA:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:12:ALA:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:12:ALA:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG11	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG12	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG13	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG21	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG22	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG23	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:13:VAL:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CD2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CE1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE1	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:ND1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:NE2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:14:HIS:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:15:ASP:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:15:ASP:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:15:ASP:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:15:ASP:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:16:ASP:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:16:ASP:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:16:ASP:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:16:ASP:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:CG2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:HB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG21	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG22	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG23	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:19:THR:O	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:19:THR:OG1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CD	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CZ	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HE	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH11	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH12	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH21	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH22	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NE	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:21:ARG:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CD	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE21	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE22	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:NE2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:33:GLN:OE1	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:34:GLU:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:36:GLY:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:36:GLY:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:36:GLY:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:36:GLY:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:36:GLY:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD2	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CH2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HD1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HH2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:NE1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:37:TRP:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:CE	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:48:MET:SD	6	3.81
(1,20)	2:B:53:GLY:H	1:A:51:ASP:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:51:ASP:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HA	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:51:ASP:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:51:ASP:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD21	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD22	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:ND2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:O	6	3.81
(1,20)	2:B:53:GLY:H	1:A:52:ASN:OD1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:C	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CB	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CG	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CZ	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:H	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HA	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB3	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE1	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE2	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HZ	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:N	6	3.81
(1,20)	2:B:53:GLY:H	1:A:53:PHE:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CA	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CZ	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HH	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:OH	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:C	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG11	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG12	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG13	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG21	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG22	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG23	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CD2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CE1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:ND1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:NE2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:N	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CG2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG21	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG22	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG23	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:OG1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CD	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CZ	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HE	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH11	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH12	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH21	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH22	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NE	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CD	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE21	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE22	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:NE2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:OE1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE1	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CH2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HD1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HH2	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:NE1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CE	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:SD	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB3	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD21	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD22	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:ND2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:O	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:OD1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:C	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CB	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CG	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CZ	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:H	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HA	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB3	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE1	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE2	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HZ	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:N	6	3.81
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CZ	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE1	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HH	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:OH	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG11	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG12	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG13	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG21	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG22	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG23	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:N	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CD2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CE1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:ND1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:NE2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD1	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CG2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG21	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG22	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG23	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:OG1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CD	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CZ	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HE	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH11	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH12	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH21	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH22	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NE	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CB	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CD	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE21	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE22	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:NE2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:OE1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:O	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CH2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HD1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HH2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:NE1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CE	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB3	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:SD	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CG	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD21	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD22	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:ND2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:O	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:OD1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:C	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CB	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CG	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CZ	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:H	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HA	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB3	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE1	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE2	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HZ	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:N	6	3.81
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CZ	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HH	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:10:TYR:OH	6	3.81
(1,20)	2:B:53:GLY:N	1:A:11:ASP:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:11:ASP:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:11:ASP:N	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:11:ASP:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:12:ALA:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:12:ALA:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:12:ALA:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:12:ALA:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG11	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG12	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG13	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG21	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG22	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG23	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:13:VAL:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CD2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CE1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE1	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:ND1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:NE2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:14:HIS:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:15:ASP:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:15:ASP:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:15:ASP:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:15:ASP:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:16:ASP:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:16:ASP:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:16:ASP:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:16:ASP:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:CG2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:HB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG21	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG22	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG23	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:19:THR:O	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:19:THR:OG1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CD	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CZ	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HE	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH11	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH12	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH21	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH22	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NE	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:21:ARG:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CD	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE21	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE22	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:NE2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:33:GLN:OE1	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:34:GLU:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:36:GLY:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:36:GLY:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:36:GLY:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:36:GLY:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:36:GLY:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD2	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CH2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HD1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HH2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:NE1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:37:TRP:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:CE	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:48:MET:SD	6	3.81
(1,20)	2:B:53:GLY:N	1:A:51:ASP:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:51:ASP:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HA	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:51:ASP:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:51:ASP:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD21	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD22	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:ND2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:O	6	3.81
(1,20)	2:B:53:GLY:N	1:A:52:ASN:OD1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:C	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CB	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CG	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CZ	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:H	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HA	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB3	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE1	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE2	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HZ	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:N	6	3.81
(1,20)	2:B:53:GLY:N	1:A:53:PHE:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CA	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CZ	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HH	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:10:TYR:OH	6	3.81
(1,20)	2:B:53:GLY:O	1:A:11:ASP:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:11:ASP:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:11:ASP:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:11:ASP:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:12:ALA:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:12:ALA:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:12:ALA:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:12:ALA:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:C	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG11	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG12	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG13	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG21	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG22	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG23	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:13:VAL:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CD2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CE1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:ND1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:NE2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:14:HIS:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:15:ASP:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:15:ASP:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:15:ASP:N	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:15:ASP:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:16:ASP:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:16:ASP:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:16:ASP:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:16:ASP:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:CG2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:HB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG21	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG22	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG23	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:19:THR:OG1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CD	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CZ	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HE	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH11	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH12	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH21	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH22	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NE	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:21:ARG:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CD	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE21	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE22	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:NE2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:33:GLN:OE1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE1	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CD	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:36:GLY:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:36:GLY:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:36:GLY:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:36:GLY:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:36:GLY:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CH2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HD1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HH2	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:NE1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:37:TRP:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:CE	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:48:MET:SD	6	3.81
(1,20)	2:B:53:GLY:O	1:A:51:ASP:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:51:ASP:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:51:ASP:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:51:ASP:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB3	6	3.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD21	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD22	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:ND2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:O	6	3.81
(1,20)	2:B:53:GLY:O	1:A:52:ASN:OD1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:C	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CB	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CG	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CZ	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:H	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HA	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB3	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE1	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE2	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HZ	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:N	6	3.81
(1,20)	2:B:53:GLY:O	1:A:53:PHE:O	6	3.81
(1,20)	2:B:53:GLY:C	1:A:10:TYR:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CD2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CE2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:CZ	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HD2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE1	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HE2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:HH	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:10:TYR:OH	8	3.8
(1,20)	2:B:53:GLY:C	1:A:11:ASP:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:11:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:11:ASP:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:11:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:11:ASP:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:11:ASP:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:11:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:12:ALA:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:12:ALA:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:12:ALA:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:12:ALA:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:12:ALA:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:12:ALA:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:CG2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG11	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG12	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG13	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG21	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG22	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:HG23	8	3.8
(1,20)	2:B:53:GLY:C	1:A:13:VAL:N	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:13:VAL:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CD2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CE1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HD2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:HE2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:ND1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:NE2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:14:HIS:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:15:ASP:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:15:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:15:ASP:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:15:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:15:ASP:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:15:ASP:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:15:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:16:ASP:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:16:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:16:ASP:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:16:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:16:ASP:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:16:ASP:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD1	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:16:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:CG2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:HB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG21	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG22	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:HG23	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:19:THR:OG1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CD	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:CZ	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HD3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HE	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HG3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH11	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH12	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH21	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:HH22	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NE	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:NH2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:21:ARG:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CB	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CD	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE21	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HE22	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:HG3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:NE2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:33:GLN:OE1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:34:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:O	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:35:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:36:GLY:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:36:GLY:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:36:GLY:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:36:GLY:HA3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:36:GLY:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:36:GLY:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CD2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CE3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CH2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:CZ3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HD1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HE3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HH2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:HZ3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:NE1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:37:TRP:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:CE	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:HB3	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:HE3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:HG3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:48:MET:SD	8	3.8
(1,20)	2:B:53:GLY:C	1:A:51:ASP:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:51:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:51:ASP:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:51:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:51:ASP:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:51:ASP:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:51:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:CG	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD21	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:HD22	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:ND2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:O	8	3.8
(1,20)	2:B:53:GLY:C	1:A:52:ASN:OD1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:C	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CB	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CD2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CE2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CG	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:C	1:A:53:PHE:CZ	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:H	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HA	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HB3	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HD2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE1	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HE2	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:HZ	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:N	8	3.8
(1,20)	2:B:53:GLY:C	1:A:53:PHE:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CD2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CE2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:CZ	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HD2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HE2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:HH	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:10:TYR:OH	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:N	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:11:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:12:ALA:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:CG2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG11	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG12	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG13	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG21	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG22	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:HG23	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:13:VAL:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CD2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CE1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HD2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE1	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:HE2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:ND1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:NE2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:14:HIS:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:15:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:16:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:CG2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG21	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG22	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:HG23	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:19:THR:O	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:19:THR:OG1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CD	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:CZ	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HD3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HE	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HG3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH11	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH12	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH21	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:HH22	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NE	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:NH2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:21:ARG:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CD	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE21	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HE22	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:HG3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:NE2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:33:GLN:OE1	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:34:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:35:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:HA3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:36:GLY:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CD2	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CE3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CH2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:CZ3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HD1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HE3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HH2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:HZ3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:NE1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:37:TRP:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CE	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HE3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:HG3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:48:MET:SD	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HA	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:51:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD21	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:HD22	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:ND2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:O	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:52:ASN:OD1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:C	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CB	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CD2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CE2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CG	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:CZ	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:H	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HA	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HB3	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HD2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE1	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HE2	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:HZ	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:N	8	3.8
(1,20)	2:B:53:GLY:CA	1:A:53:PHE:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CA	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CD2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CE2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:CZ	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HD2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HE2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:HH	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:10:TYR:OH	8	3.8
(1,20)	2:B:53:GLY:H	1:A:11:ASP:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:11:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:11:ASP:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:11:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:11:ASP:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:11:ASP:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:11:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:12:ALA:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:12:ALA:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:12:ALA:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:12:ALA:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:12:ALA:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:12:ALA:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:C	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:CG2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG11	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG12	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG13	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG21	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG22	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:HG23	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:13:VAL:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CD2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CE1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HD2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:HE2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:ND1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:NE2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:14:HIS:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:15:ASP:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:15:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:15:ASP:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:15:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:15:ASP:N	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:15:ASP:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:15:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:16:ASP:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:16:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:16:ASP:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:16:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:16:ASP:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:16:ASP:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:16:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:CG2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:HB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG21	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG22	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:HG23	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:19:THR:OG1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CD	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:CZ	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HD3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HE	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HG3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH11	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH12	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH21	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:HH22	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NE	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:NH2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:21:ARG:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CD	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE21	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HE22	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:HG3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:NE2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:33:GLN:OE1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE1	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:34:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:35:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:36:GLY:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:36:GLY:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:36:GLY:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:36:GLY:HA3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:36:GLY:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:36:GLY:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CD2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CE3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CH2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:CZ3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HD1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HE3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HH2	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:HZ3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:NE1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:37:TRP:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:CE	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:HE3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:HG3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:48:MET:SD	8	3.8
(1,20)	2:B:53:GLY:H	1:A:51:ASP:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:51:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:51:ASP:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:51:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:51:ASP:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:51:ASP:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:51:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HB3	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD21	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:HD22	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:ND2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:O	8	3.8
(1,20)	2:B:53:GLY:H	1:A:52:ASN:OD1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:C	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CB	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CD2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CE2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CG	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:CZ	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:H	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HA	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HB3	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HD2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE1	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HE2	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:HZ	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:N	8	3.8
(1,20)	2:B:53:GLY:H	1:A:53:PHE:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CD2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CE2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:CZ	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HD2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE1	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HE2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:HH	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:10:TYR:OH	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:11:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:12:ALA:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:CG2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG11	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG12	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG13	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG21	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG22	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:HG23	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:N	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:13:VAL:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CD2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CE1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HD2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:HE2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:ND1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:NE2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:14:HIS:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:15:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD1	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:16:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:CG2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG21	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG22	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:HG23	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:19:THR:OG1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CD	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:CZ	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HD3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HE	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HG3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH11	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH12	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH21	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:HH22	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NE	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:NH2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:21:ARG:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CB	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CD	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE21	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HE22	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:HG3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:NE2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:33:GLN:OE1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:34:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:O	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:35:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:HA3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:36:GLY:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CD2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CE3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CH2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:CZ3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HD1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HE3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HH2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:HZ3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:NE1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:37:TRP:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CE	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HB3	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HE3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:HG3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:48:MET:SD	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:51:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:CG	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD21	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:HD22	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:ND2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:O	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:52:ASN:OD1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:C	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CB	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CD2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CE2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CG	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:CZ	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:H	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HA	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HB3	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HD2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE1	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HE2	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:HZ	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:N	8	3.8
(1,20)	2:B:53:GLY:HA2	1:A:53:PHE:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CD2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CE2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:CZ	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HD2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HE2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:HH	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:10:TYR:OH	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:N	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:11:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:12:ALA:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:CG2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG11	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG12	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG13	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG21	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG22	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:HG23	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:13:VAL:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CD2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CE1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HD2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE1	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:HE2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:ND1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:NE2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:14:HIS:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:15:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:16:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:CG2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG21	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG22	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:HG23	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:O	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:19:THR:OG1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CD	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:CZ	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HD3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HE	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HG3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH11	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH12	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH21	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:HH22	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NE	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:NH2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:21:ARG:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CD	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE21	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HE22	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:HG3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:NE2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:33:GLN:OE1	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:34:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:35:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:HA3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:36:GLY:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CD2	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CE3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CH2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:CZ3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HD1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HE3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HH2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:HZ3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:NE1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:37:TRP:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CE	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HE3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:HG3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:48:MET:SD	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HA	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:51:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD21	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:HD22	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:ND2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:O	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:52:ASN:OD1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:C	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CB	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CD2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CE2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CG	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:CZ	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:H	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HA	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HB3	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HD2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE1	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HE2	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:HZ	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:N	8	3.8
(1,20)	2:B:53:GLY:HA3	1:A:53:PHE:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CA	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CD2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CE2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:CZ	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HD2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HE2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:HH	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:10:TYR:OH	8	3.8
(1,20)	2:B:53:GLY:N	1:A:11:ASP:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:11:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:11:ASP:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:11:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:11:ASP:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:11:ASP:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:11:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:12:ALA:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:12:ALA:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:12:ALA:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:12:ALA:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:12:ALA:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:12:ALA:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:C	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:CG2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG11	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG12	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG13	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG21	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG22	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:HG23	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:13:VAL:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CD2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CE1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HD2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:HE2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:ND1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:NE2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:14:HIS:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:15:ASP:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:15:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:15:ASP:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:15:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:15:ASP:N	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:15:ASP:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:15:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:16:ASP:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:16:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:16:ASP:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:16:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:16:ASP:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:16:ASP:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:16:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:CG2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:HB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG21	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG22	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:HG23	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:19:THR:OG1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CD	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:CZ	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HD3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HE	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HG3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH11	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH12	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH21	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:HH22	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NE	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:NH2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:21:ARG:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CD	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE21	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HE22	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:HG3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:NE2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:33:GLN:OE1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE1	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:34:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:35:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:36:GLY:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:36:GLY:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:36:GLY:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:36:GLY:HA3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:36:GLY:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:36:GLY:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CD2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CE3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CH2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:CZ3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HD1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HE3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HH2	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:HZ3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:NE1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:37:TRP:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:CE	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:HE3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:HG3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:48:MET:SD	8	3.8
(1,20)	2:B:53:GLY:N	1:A:51:ASP:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:51:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:51:ASP:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:51:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:51:ASP:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:51:ASP:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:51:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HB3	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD21	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:HD22	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:ND2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:O	8	3.8
(1,20)	2:B:53:GLY:N	1:A:52:ASN:OD1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:C	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CB	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CD2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CE2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CG	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:CZ	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:H	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HA	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HB3	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HD2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE1	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HE2	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:HZ	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:N	8	3.8
(1,20)	2:B:53:GLY:N	1:A:53:PHE:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CD2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CE2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:CZ	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HD2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE1	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HE2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:HH	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:10:TYR:OH	8	3.8
(1,20)	2:B:53:GLY:O	1:A:11:ASP:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:11:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:11:ASP:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:11:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:11:ASP:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:11:ASP:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:11:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:12:ALA:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:12:ALA:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:12:ALA:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:12:ALA:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:12:ALA:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:12:ALA:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:CG2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG11	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG12	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG13	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG21	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG22	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:HG23	8	3.8
(1,20)	2:B:53:GLY:O	1:A:13:VAL:N	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:13:VAL:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CD2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CE1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HD2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:HE2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:ND1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:NE2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:14:HIS:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:15:ASP:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:15:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:15:ASP:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:15:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:15:ASP:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:15:ASP:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:15:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:16:ASP:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:16:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:16:ASP:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:16:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:16:ASP:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:16:ASP:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD1	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:16:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:CG2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:HB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG21	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG22	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:HG23	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:19:THR:OG1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CD	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:CZ	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HD3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HE	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HG3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH11	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH12	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH21	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:HH22	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NE	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:NH2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:21:ARG:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CB	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CD	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE21	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HE22	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:HG3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:NE2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:33:GLN:OE1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:34:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CD	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:HG3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:O	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:35:GLU:OE2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:36:GLY:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:36:GLY:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:36:GLY:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:36:GLY:HA3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:36:GLY:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:36:GLY:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CD2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CE3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CH2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:CZ3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HD1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HE3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HH2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:HZ3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:NE1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:37:TRP:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:CE	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:HB3	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:HE3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:HG3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:48:MET:SD	8	3.8
(1,20)	2:B:53:GLY:O	1:A:51:ASP:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:51:ASP:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:51:ASP:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:51:ASP:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:51:ASP:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:51:ASP:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:51:ASP:OD2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:CG	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD21	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:HD22	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:ND2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:O	8	3.8
(1,20)	2:B:53:GLY:O	1:A:52:ASN:OD1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:C	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CB	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CD2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CE2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CG	8	3.8

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	2:B:53:GLY:O	1:A:53:PHE:CZ	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:H	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HA	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HB3	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HD2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE1	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HE2	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:HZ	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:N	8	3.8
(1,20)	2:B:53:GLY:O	1:A:53:PHE:O	8	3.8
(1,15)	2:B:14:THR:C	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE1	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:C	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:11:ASP:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:C	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:C	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:15:ASP:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:C	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:19:THR:O	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:HE	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:C	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:33:GLN:OE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:C	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:C	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD2	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:HH2	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:C	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:C	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:51:ASP:HA	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:CG	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:C	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CA	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:CA	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:11:ASP:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:C	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:15:ASP:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HE	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:33:GLN:OE1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HH2	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:CA	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB3	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:CA	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CG	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:CA	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:CB	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:11:ASP:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:CB	1:A:13:VAL:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:15:ASP:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HE	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CB	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:33:GLN:OE1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:O	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HH2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB3	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:CB	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:CB	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CG	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:CB	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:19:THR:O	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HE	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:OE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD2	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HH2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HA	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CG	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:CA	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE1	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:H	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:11:ASP:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:H	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:C	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE1	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:H	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:15:ASP:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:H	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:HE	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:H	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:33:GLN:OE1	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:H	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:H	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD2	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:HH2	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:H	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:H	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:51:ASP:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB3	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:H	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:CG	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:H	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:HA	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:11:ASP:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:HA	1:A:13:VAL:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:15:ASP:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HE	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CB	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:33:GLN:OE1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:O	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HH2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB3	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:HA	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:HA	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CG	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:HA	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:HB	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:11:ASP:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:15:ASP:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:19:THR:O	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HE	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:33:GLN:OE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD2	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HH2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:HB	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HA	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:HB	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CG	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:HB	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CA	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:C	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HE	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:OE1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HH2	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB3	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CG	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HE	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CB	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:OE1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:O	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HH2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB3	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CG	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:19:THR:O	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HE	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:OE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD2	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HH2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HA	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CG	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CA	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:C	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HE	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:OE1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HH2	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB3	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CG	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:N	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:11:ASP:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:N	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:N	1:A:13:VAL:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE1	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:N	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:15:ASP:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:N	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:HE	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:N	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:CB	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:33:GLN:OE1	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:O	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:N	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:N	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD2	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:HH2	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:N	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:HB3	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:N	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:51:ASP:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:N	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:CG	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:N	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE1	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:O	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:11:ASP:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:O	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:O	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:15:ASP:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:O	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:19:THR:O	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:HE	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:O	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:33:GLN:OE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:O	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:O	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD2	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:HH2	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:O	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:O	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:51:ASP:HA	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:O	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:CG	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:O	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CA	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CZ	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HH	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:OH	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:C	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG11	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG12	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG13	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG21	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG22	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG23	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CD2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CE1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:ND1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:NE2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:N	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CG2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG21	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG22	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG23	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:19:THR:OG1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CD	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CZ	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HE	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH11	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH12	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH21	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH22	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NE	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CD	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE21	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE22	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:NE2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:OE1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CD	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE1	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CD	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CH2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HD1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HH2	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:NE1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CE	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:48:MET:SD	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB3	2	2.83

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD21	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD22	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:ND2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:O	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:OD1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:C	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CB	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CG	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CZ	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:H	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HA	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB3	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE1	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE2	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HZ	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:N	2	2.83
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:O	2	2.83
(1,15)	2:B:14:THR:C	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:C	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:11:ASP:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:C	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:C	1:A:13:VAL:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE1	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:C	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:15:ASP:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:C	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:HE	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:C	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:CB	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:33:GLN:OE1	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:O	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:C	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:C	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD2	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:HH2	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:C	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:HB3	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:C	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:51:ASP:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:CG	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:C	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:CA	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:11:ASP:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:15:ASP:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:19:THR:O	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HE	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:33:GLN:OE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD2	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HH2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:CA	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HA	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:CA	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CG	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:CA	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CA	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:CB	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:11:ASP:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:C	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:15:ASP:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HE	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:33:GLN:OE1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HH2	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:CB	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB3	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:CB	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CG	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:CB	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HE	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CB	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:OE1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:O	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HH2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB3	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CG	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE1	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:H	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:11:ASP:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:H	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:H	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:15:ASP:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:H	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:19:THR:O	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:HE	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:H	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:33:GLN:OE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:H	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:H	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD2	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:HH2	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:H	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:H	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:51:ASP:HA	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:H	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:CG	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:H	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CA	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:HA	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:11:ASP:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:C	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:15:ASP:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HE	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:33:GLN:OE1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HH2	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:HA	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB3	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:HA	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CG	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:HA	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:HB	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:11:ASP:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:HB	1:A:13:VAL:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:15:ASP:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HE	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CB	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:33:GLN:OE1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:O	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HH2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB3	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:HB	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:HB	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CG	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:HB	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:19:THR:O	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HE	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:OE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD2	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HH2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HA	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CG	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CA	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:C	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HE	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:OE1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HH2	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB3	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CG	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HE	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CB	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:OE1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:O	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HH2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB3	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CG	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:19:THR:O	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HE	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:OE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD2	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HH2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HA	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CG	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:CA	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE1	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:N	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:11:ASP:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:N	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:C	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE1	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:N	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:15:ASP:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:N	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:HE	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:N	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:33:GLN:OE1	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:N	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:N	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD2	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:HH2	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:N	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:N	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:51:ASP:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB3	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:N	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:CG	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:N	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:O	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:11:ASP:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:O	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:O	1:A:13:VAL:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE1	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:O	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:15:ASP:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:O	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:HE	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:O	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:CB	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:33:GLN:OE1	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:O	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:O	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:O	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD2	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:HH2	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:O	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:HB3	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:O	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:51:ASP:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:O	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:CG	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:O	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CZ	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HH	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:OH	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:N	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG11	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG12	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG13	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG21	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG22	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG23	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CD2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CE1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:ND1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:NE2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CG2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG21	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG22	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG23	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:19:THR:O	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:19:THR:OG1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CD	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CZ	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HE	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH11	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH12	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH21	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH22	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NE	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CD	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE21	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE22	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:NE2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:OE1	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CD	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CD	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD2	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CH2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HD1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HH2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:NE1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CE	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:48:MET:SD	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HA	10	2.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD21	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD22	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:ND2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:O	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:OD1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:C	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CB	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CG	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CZ	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:H	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HA	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB3	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE1	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE2	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HZ	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:N	10	2.75
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:O	10	2.75
(1,15)	2:B:14:THR:C	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:CA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE1	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:C	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:11:ASP:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:C	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE1	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:C	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:15:ASP:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:C	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:HE	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:C	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:33:GLN:OE1	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:C	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:C	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD2	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:HH2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:C	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:C	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:51:ASP:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:CG	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:C	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:CA	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:11:ASP:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:CA	1:A:13:VAL:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:15:ASP:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HE	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CB	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:33:GLN:OE1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HH2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:CA	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:CA	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CG	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:CA	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:CB	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:11:ASP:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:15:ASP:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:19:THR:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HE	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:33:GLN:OE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HH2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:CB	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:CB	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CG	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:CB	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HE	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:OE1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HH2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CG	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:H	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:11:ASP:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:H	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:H	1:A:13:VAL:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE1	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:H	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:15:ASP:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:H	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:HE	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:H	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:CB	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:33:GLN:OE1	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:H	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:H	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD2	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:HH2	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:H	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:H	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:51:ASP:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:H	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:CG	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:H	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:HA	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:11:ASP:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:15:ASP:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:19:THR:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HE	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:33:GLN:OE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HH2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:HA	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:HA	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CG	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:HA	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:HB	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:11:ASP:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:15:ASP:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HE	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:33:GLN:OE1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HH2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:HB	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:HB	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CG	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:HB	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HE	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CB	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:OE1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HH2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CG	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:19:THR:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HE	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:OE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HH2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CG	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HE	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:OE1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HH2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CG	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HE	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CB	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:OE1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HH2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CG	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE1	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:N	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:11:ASP:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:N	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:N	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:15:ASP:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:N	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:19:THR:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:HE	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:N	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:33:GLN:OE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:N	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:N	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:HH2	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:N	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:N	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:51:ASP:HA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:N	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:CG	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:N	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:CA	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE1	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:O	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:11:ASP:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:O	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:C	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE1	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:O	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:15:ASP:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:O	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:HE	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:O	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:33:GLN:OE1	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:O	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:O	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD2	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:HH2	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:O	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:O	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:51:ASP:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:O	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:CG	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:O	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CZ	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HH	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:OH	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG11	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG12	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG13	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG21	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG22	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG23	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:N	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CD2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CE1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:ND1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:NE2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD1	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CG2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG21	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG22	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG23	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:19:THR:OG1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CD	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CZ	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HE	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH11	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH12	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH21	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH22	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NE	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CB	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CD	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE21	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE22	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:NE2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:OE1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CD	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CD	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:O	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CH2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HD1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HH2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:NE1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CE	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB3	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:48:MET:SD	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CG	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD21	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD22	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:ND2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:O	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:OD1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:C	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CB	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CG	9	2.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CZ	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:H	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HA	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB3	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE1	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE2	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HZ	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:N	9	2.67
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:O	9	2.67
(1,15)	2:B:14:THR:C	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE1	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:C	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:11:ASP:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:C	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:C	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:15:ASP:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:C	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:19:THR:O	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:HE	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:C	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:33:GLN:OE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:C	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:C	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD2	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:HH2	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:C	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:C	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:51:ASP:HA	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:CG	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:C	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CA	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:CA	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:11:ASP:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:C	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:15:ASP:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HE	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:33:GLN:OE1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HH2	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:CA	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB3	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:CA	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CG	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:CA	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:CB	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:11:ASP:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:CB	1:A:13:VAL:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:15:ASP:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HE	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CB	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:33:GLN:OE1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:O	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HH2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB3	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:CB	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:CB	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CG	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:CB	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:19:THR:O	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HE	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:OE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD2	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HH2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HA	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CG	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:CA	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE1	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:H	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:11:ASP:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:H	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:C	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE1	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:H	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:15:ASP:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:H	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:HE	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:H	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:33:GLN:OE1	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:H	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:H	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD2	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:HH2	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:H	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:H	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:51:ASP:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB3	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:H	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:CG	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:H	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:HA	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:11:ASP:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:HA	1:A:13:VAL:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:15:ASP:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HE	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CB	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:33:GLN:OE1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:O	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HH2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB3	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:HA	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:HA	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CG	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:HA	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:HB	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:11:ASP:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:15:ASP:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:19:THR:O	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HE	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:33:GLN:OE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD2	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HH2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:HB	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HA	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:HB	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CG	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:HB	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CA	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:C	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HE	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:OE1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HH2	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB3	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CG	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HE	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CB	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:OE1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:O	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HH2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB3	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CG	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:19:THR:O	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HE	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:OE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD2	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HH2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HA	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CG	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CA	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:C	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HE	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:OE1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HH2	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB3	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CG	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:N	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:11:ASP:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:N	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:N	1:A:13:VAL:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE1	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:N	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:15:ASP:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:N	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:HE	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:N	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:CB	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:33:GLN:OE1	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:O	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:N	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:N	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD2	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:HH2	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:N	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:HB3	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:N	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:51:ASP:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:N	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:CG	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:N	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE1	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:O	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:11:ASP:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:O	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:O	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:15:ASP:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:O	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:19:THR:O	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:HE	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:O	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:33:GLN:OE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:O	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:O	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD2	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:HH2	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:O	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:O	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:51:ASP:HA	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:O	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:CG	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:O	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CA	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CZ	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HH	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:OH	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:C	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG11	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG12	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG13	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG21	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG22	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG23	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CD2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CE1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:ND1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:NE2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:N	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CG2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG21	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG22	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG23	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:19:THR:OG1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CD	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CZ	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HE	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH11	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH12	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH21	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH22	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NE	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CD	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE21	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE22	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:NE2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:OE1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CD	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE1	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CD	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CH2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HD1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HH2	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:NE1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CE	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:48:MET:SD	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB3	4	2.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD21	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD22	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:ND2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:O	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:OD1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:C	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CB	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CG	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CZ	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:H	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HA	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB3	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE1	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE2	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HZ	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:N	4	2.66
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:O	4	2.66
(1,15)	2:B:14:THR:C	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:C	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:11:ASP:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:C	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:C	1:A:13:VAL:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE1	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:C	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:15:ASP:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:C	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:HE	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:C	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:CB	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:33:GLN:OE1	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:O	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:C	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:C	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD2	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:HH2	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:C	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:HB3	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:C	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:51:ASP:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:CG	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:C	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:CA	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:11:ASP:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:15:ASP:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:19:THR:O	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HE	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:33:GLN:OE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD2	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HH2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:CA	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HA	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:CA	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CG	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:CA	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CA	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:CB	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:11:ASP:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:C	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:15:ASP:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HE	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:33:GLN:OE1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HH2	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:CB	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB3	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:CB	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CG	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:CB	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HE	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CB	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:OE1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:O	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HH2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB3	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CG	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE1	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:H	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:11:ASP:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:H	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:H	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:15:ASP:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:H	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:19:THR:O	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:HE	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:H	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:33:GLN:OE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:H	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:H	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD2	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:HH2	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:H	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:H	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:51:ASP:HA	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:H	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:CG	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:H	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CA	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:HA	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:11:ASP:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:C	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:15:ASP:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HE	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:33:GLN:OE1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HH2	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:HA	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB3	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:HA	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CG	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:HA	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:HB	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:11:ASP:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:HB	1:A:13:VAL:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:15:ASP:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HE	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CB	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:33:GLN:OE1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:O	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HH2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB3	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:HB	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:HB	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CG	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:HB	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:19:THR:O	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HE	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:OE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD2	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HH2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HA	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CG	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CA	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:C	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HE	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:OE1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HH2	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB3	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CG	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HE	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CB	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:OE1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:O	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HH2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB3	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CG	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:19:THR:O	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HE	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:OE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD2	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HH2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HA	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CG	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:CA	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE1	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:N	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:11:ASP:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:N	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:C	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE1	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:N	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:15:ASP:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:N	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:HE	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:N	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:33:GLN:OE1	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:N	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:N	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD2	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:HH2	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:N	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:N	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:51:ASP:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB3	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:N	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:CG	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:N	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:O	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:11:ASP:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:O	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:O	1:A:13:VAL:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE1	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:O	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:15:ASP:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:O	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:HE	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:O	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:CB	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:33:GLN:OE1	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:O	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:O	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:O	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD2	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:HH2	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:O	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:HB3	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:O	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:51:ASP:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:O	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:CG	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:O	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CZ	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HH	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:OH	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:N	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG11	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG12	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG13	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG21	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG22	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG23	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CD2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CE1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:ND1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:NE2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CG2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG21	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG22	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG23	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:19:THR:O	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:19:THR:OG1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CD	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CZ	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HE	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH11	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH12	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH21	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH22	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NE	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CD	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE21	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE22	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:NE2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:OE1	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CD	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CD	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD2	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CH2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HD1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HH2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:NE1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CE	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:48:MET:SD	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HA	3	2.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD21	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD22	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:ND2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:O	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:OD1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:C	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CB	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CG	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CZ	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:H	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HA	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB3	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE1	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE2	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HZ	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:N	3	2.61
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:O	3	2.61
(1,15)	2:B:14:THR:C	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CA	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE1	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:C	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE1	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:C	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HE	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:C	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:33:GLN:OE1	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD2	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HH2	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:C	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB3	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CG	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:C	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:CA	1:A:13:VAL:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HE	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CB	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:33:GLN:OE1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:O	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HH2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB3	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:CA	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CG	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:CA	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:19:THR:O	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HE	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:33:GLN:OE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD2	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HH2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HA	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:CB	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CG	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:CB	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CA	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:C	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HE	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:OE1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HH2	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB3	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CG	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:H	1:A:13:VAL:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE1	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:H	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HE	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:H	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:CB	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:33:GLN:OE1	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:O	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD2	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HH2	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:H	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HB3	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:H	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:CG	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:H	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:19:THR:O	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HE	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:33:GLN:OE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD2	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HH2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HA	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:HA	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CG	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:HA	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CA	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:C	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HE	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:33:GLN:OE1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HH2	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB3	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:HB	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CG	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:HB	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HE	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CB	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:OE1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:O	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HH2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB3	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CG	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:19:THR:O	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HE	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:OE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD2	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HH2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HA	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CG	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CA	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:C	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HE	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:OE1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HH2	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB3	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CG	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HE	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CB	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:OE1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:O	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HH2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB3	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CG	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE1	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:N	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:19:THR:O	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HE	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:N	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:33:GLN:OE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD2	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HH2	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:N	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:HA	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:N	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CG	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:N	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CA	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE1	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:C	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE1	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:O	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HE	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:O	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:33:GLN:OE1	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD2	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HH2	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:O	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB3	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:O	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CG	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:O	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CZ	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HH	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:OH	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG11	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG12	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG13	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG21	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG22	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG23	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:N	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CD2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CE1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:ND1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:NE2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD1	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CG2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG21	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG22	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG23	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:19:THR:OG1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CD	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CZ	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HE	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH11	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH12	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH21	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH22	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NE	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CB	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CD	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE21	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE22	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:NE2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:OE1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CD	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CD	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:O	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CH2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HD1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HH2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:NE1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CE	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB3	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:48:MET:SD	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CG	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD21	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD22	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:ND2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:O	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:OD1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:C	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CB	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CG	1	2.6

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CZ	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:H	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HA	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB3	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE1	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE2	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HZ	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:N	1	2.6
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:O	1	2.6
(1,15)	2:B:14:THR:C	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE1	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:C	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:11:ASP:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:C	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:C	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:15:ASP:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:C	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:19:THR:O	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:HE	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:C	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:33:GLN:OE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:C	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:C	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD2	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:HH2	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:C	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:C	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:51:ASP:HA	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:CG	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:C	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CA	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:CA	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:11:ASP:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:C	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:15:ASP:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HE	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:33:GLN:OE1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HH2	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:CA	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB3	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:CA	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CG	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:CA	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:CB	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:11:ASP:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:CB	1:A:13:VAL:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:15:ASP:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HE	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CB	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:33:GLN:OE1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:O	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HH2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB3	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:CB	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:CB	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CG	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:CB	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:19:THR:O	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HE	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:OE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD2	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HH2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HA	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CG	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:CA	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE1	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:H	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:11:ASP:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:H	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:C	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE1	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:H	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:15:ASP:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:H	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:HE	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:H	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:33:GLN:OE1	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:H	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:H	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD2	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:HH2	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:H	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:H	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:51:ASP:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB3	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:H	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:CG	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:H	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:HA	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:11:ASP:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:HA	1:A:13:VAL:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:15:ASP:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HE	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CB	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:33:GLN:OE1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:O	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HH2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB3	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:HA	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:HA	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CG	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:HA	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:HB	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:11:ASP:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:15:ASP:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:19:THR:O	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HE	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:33:GLN:OE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD2	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HH2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:HB	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HA	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:HB	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CG	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:HB	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CA	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:C	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HE	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:OE1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HH2	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB3	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CG	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HE	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CB	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:OE1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:O	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HH2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB3	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CG	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:19:THR:O	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HE	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:OE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD2	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HH2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HA	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CG	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CA	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:C	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HE	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:OE1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HH2	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB3	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CG	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:N	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:11:ASP:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:N	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:N	1:A:13:VAL:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE1	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:N	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:15:ASP:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:N	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:HE	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:N	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:CB	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:33:GLN:OE1	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:O	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:N	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:N	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD2	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:HH2	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:N	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:HB3	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:N	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:51:ASP:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:N	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:CG	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:N	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE1	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:O	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:11:ASP:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:O	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:O	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:15:ASP:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:O	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:19:THR:O	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:HE	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:O	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:33:GLN:OE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:O	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:O	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD2	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:HH2	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:O	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:O	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:51:ASP:HA	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:O	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:CG	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:O	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CA	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CZ	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HH	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:OH	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:C	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG11	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG12	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG13	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG21	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG22	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG23	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CD2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CE1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:ND1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:NE2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:N	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CG2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG21	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG22	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG23	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:19:THR:OG1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CD	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CZ	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HE	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH11	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH12	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH21	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH22	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NE	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CD	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE21	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE22	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:NE2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:OE1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CD	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE1	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CD	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CH2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HD1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HH2	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:NE1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CE	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:48:MET:SD	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB3	7	2.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD21	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD22	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:ND2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:O	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:OD1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:C	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CB	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CG	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CZ	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:H	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HA	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB3	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE1	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE2	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HZ	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:N	7	2.57
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:O	7	2.57
(1,15)	2:B:14:THR:C	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:C	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:11:ASP:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:C	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:C	1:A:13:VAL:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE1	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:C	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:15:ASP:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:C	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:HE	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:C	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:CB	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:33:GLN:OE1	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:O	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:C	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:C	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD2	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:HH2	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:C	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:HB3	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:C	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:51:ASP:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:CG	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:C	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:CA	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:11:ASP:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:15:ASP:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:19:THR:O	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HE	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:33:GLN:OE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD2	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HH2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:CA	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HA	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:CA	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CG	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:CA	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CA	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:CB	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:11:ASP:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:C	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:15:ASP:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HE	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:33:GLN:OE1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HH2	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:CB	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB3	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:CB	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CG	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:CB	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HE	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CB	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:OE1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:O	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HH2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB3	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CG	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE1	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:H	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:11:ASP:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:H	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:H	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:15:ASP:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:H	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:19:THR:O	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:HE	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:H	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:33:GLN:OE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:H	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:H	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD2	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:HH2	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:H	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:H	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:51:ASP:HA	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:H	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:CG	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:H	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CA	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:HA	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:11:ASP:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:C	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:15:ASP:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HE	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:33:GLN:OE1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HH2	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:HA	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB3	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:HA	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CG	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:HA	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:HB	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:11:ASP:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:HB	1:A:13:VAL:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:15:ASP:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HE	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CB	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:33:GLN:OE1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:O	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HH2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB3	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:HB	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:HB	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CG	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:HB	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:19:THR:O	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HE	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:OE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD2	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HH2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HA	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CG	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CA	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:C	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HE	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:OE1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HH2	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB3	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CG	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HE	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CB	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:OE1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:O	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HH2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB3	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CG	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:19:THR:O	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HE	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:OE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD2	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HH2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HA	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CG	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:CA	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE1	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:N	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:11:ASP:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:N	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:C	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE1	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:N	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:15:ASP:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:N	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:HE	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:N	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:33:GLN:OE1	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:N	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:N	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD2	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:HH2	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:N	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:N	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:51:ASP:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB3	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:N	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:CG	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:N	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:O	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:11:ASP:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:O	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:O	1:A:13:VAL:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE1	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:O	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:15:ASP:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:O	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:HE	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:O	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:CB	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:33:GLN:OE1	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:O	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:O	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:O	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD2	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:HH2	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:O	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:HB3	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:O	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:51:ASP:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:O	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:CG	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:O	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CZ	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HH	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:OH	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:N	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG11	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG12	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG13	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG21	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG22	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG23	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CD2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CE1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:ND1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:NE2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CG2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG21	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG22	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG23	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:19:THR:O	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:19:THR:OG1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CD	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CZ	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HE	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH11	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH12	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH21	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH22	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NE	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CD	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE21	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE22	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:NE2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:OE1	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CD	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CD	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD2	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CH2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HD1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HH2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:NE1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CE	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:48:MET:SD	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HA	5	2.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD21	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD22	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:ND2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:O	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:OD1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:C	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CB	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CG	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CZ	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:H	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HA	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB3	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE1	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE2	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HZ	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:N	5	2.52
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:O	5	2.52
(1,15)	2:B:14:THR:C	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:CA	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE1	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:C	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:11:ASP:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:C	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:C	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE1	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:C	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:15:ASP:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:C	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:HE	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:C	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:33:GLN:OE1	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:C	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:C	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD2	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:HH2	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:C	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:C	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:51:ASP:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB3	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:CG	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:C	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:CA	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:11:ASP:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:CA	1:A:13:VAL:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:15:ASP:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HE	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CB	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:33:GLN:OE1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:O	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HH2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB3	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:CA	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:CA	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CG	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:CA	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:CB	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:11:ASP:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:15:ASP:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:19:THR:O	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HE	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:33:GLN:OE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD2	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HH2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:CB	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HA	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:CB	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CG	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:CB	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CA	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:C	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HE	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:OE1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HH2	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB3	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CG	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:H	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:11:ASP:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:H	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:H	1:A:13:VAL:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE1	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:H	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:15:ASP:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:H	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:HE	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:H	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:CB	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:33:GLN:OE1	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:O	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:H	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:H	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD2	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:HH2	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:H	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:HB3	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:H	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:51:ASP:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:H	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:CG	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:H	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:HA	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:11:ASP:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:15:ASP:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:19:THR:O	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HE	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:33:GLN:OE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD2	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HH2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:HA	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HA	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:HA	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CG	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:HA	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CA	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:HB	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:11:ASP:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:C	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:15:ASP:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HE	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:33:GLN:OE1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HH2	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:HB	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB3	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:HB	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CG	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:HB	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HE	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CB	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:OE1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:O	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HH2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB3	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CG	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:19:THR:O	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HE	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:OE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD2	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HH2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HA	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CG	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CA	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:C	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HE	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:OE1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HH2	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB3	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CG	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HE	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CB	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:OE1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:O	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HH2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB3	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CG	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE1	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:N	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:11:ASP:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:N	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:N	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:15:ASP:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:N	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:19:THR:O	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:HE	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:N	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:33:GLN:OE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:N	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:N	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD2	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:HH2	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:N	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:N	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:51:ASP:HA	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:N	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:CG	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:N	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:CA	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE1	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:O	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:11:ASP:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:O	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:C	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE1	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:O	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:15:ASP:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:O	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:HE	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:O	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:33:GLN:OE1	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:O	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:O	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD2	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:HH2	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:O	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:O	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:51:ASP:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB3	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:O	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:CG	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:O	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CZ	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HH	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:OH	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG11	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG12	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG13	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG21	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG22	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG23	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:N	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CD2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CE1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:ND1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:NE2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD1	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CG2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG21	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG22	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG23	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:19:THR:OG1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CD	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CZ	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HE	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH11	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH12	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH21	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH22	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NE	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CB	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CD	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE21	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE22	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:NE2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:OE1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CD	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CD	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:O	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CH2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HD1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HH2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:NE1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CE	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB3	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:48:MET:SD	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CG	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD21	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD22	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:ND2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:O	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:OD1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:C	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CB	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CG	6	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CZ	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:H	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HA	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB3	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE1	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE2	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HZ	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:N	6	2.49
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:O	6	2.49
(1,15)	2:B:14:THR:C	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE1	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:C	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:11:ASP:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:C	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:C	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:C	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:15:ASP:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:C	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:C	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:C	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:19:THR:O	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:HE	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:C	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:33:GLN:OE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:C	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:C	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:C	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:C	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:C	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:CD2	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:HH2	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:C	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:C	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:51:ASP:HA	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:C	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:C	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:CG	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:C	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CA	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:CA	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:11:ASP:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:C	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:15:ASP:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HE	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:33:GLN:OE1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CD2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HH2	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:CA	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HB3	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:CA	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CG	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:CA	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:CB	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:11:ASP:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:CB	1:A:13:VAL:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:15:ASP:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HE	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CB	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:33:GLN:OE1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:O	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CD2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HH2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:HB3	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:CB	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:CB	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CG	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CB	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:CB	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:19:THR:O	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HE	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:33:GLN:OE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CD2	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HH2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HA	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CG	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:CG2	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:CA	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE1	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:H	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:11:ASP:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:H	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:H	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:C	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE1	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:H	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:15:ASP:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:H	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:H	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:H	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:HE	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:H	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:33:GLN:OE1	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:H	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:H	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:H	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:H	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:CD2	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:HH2	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:H	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:H	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:51:ASP:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:H	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:HB3	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:H	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:CG	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:H	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:HA	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:11:ASP:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:HA	1:A:13:VAL:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:15:ASP:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HE	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CB	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:33:GLN:OE1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:O	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CD2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HH2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:HB3	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:HA	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:HA	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CG	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HA	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:HA	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:HB	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:11:ASP:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:15:ASP:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:19:THR:O	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HE	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:33:GLN:OE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CD2	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HH2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:HB	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HA	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:HB	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CG	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:HB	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CA	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:C	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HE	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:33:GLN:OE1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CD2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HH2	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HB3	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CG	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:HG1	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HE	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CB	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:33:GLN:OE1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:O	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CD2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HH2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HB3	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CG	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:HG21	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:19:THR:O	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HE	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:33:GLN:OE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CD2	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HH2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HA	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CG	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:HG22	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CA	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:C	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HE	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:33:GLN:OE1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CD2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HH2	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HB3	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CG	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:HG23	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:N	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:11:ASP:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:N	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:N	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:N	1:A:13:VAL:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE1	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:N	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:15:ASP:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:N	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:N	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:HE	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:N	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:CB	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:33:GLN:OE1	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:N	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:O	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:N	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:N	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:N	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:N	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:CD2	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:HH2	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:N	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:HB3	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:N	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:51:ASP:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:N	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:N	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:CG	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:N	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:N	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE1	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:O	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:11:ASP:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:O	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:O	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:O	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:15:ASP:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:O	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:O	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:O	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:19:THR:O	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:HE	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:O	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:33:GLN:OE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:O	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:O	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:O	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:O	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:O	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:CD2	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:HH2	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:O	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:O	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:51:ASP:HA	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:O	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:O	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:CG	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:O	1:A:53:PHE:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CA	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CD2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CE2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:CZ	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HD2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HE2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:HH	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:10:TYR:OH	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:11:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:12:ALA:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:C	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:CG2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG11	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG12	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG13	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG21	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG22	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:HG23	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:13:VAL:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CD2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CE1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HD2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:HE2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:ND1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:NE2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:14:HIS:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:N	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:15:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:16:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:CG2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG21	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG22	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:HG23	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:19:THR:OG1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CD	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:CZ	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HD3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HE	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HG3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH11	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH12	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH21	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:HH22	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NE	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:NH2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:21:ARG:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CD	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE21	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HE22	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:HG3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:NE2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:33:GLN:OE1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CD	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE1	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:34:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CD	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:HG3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:35:GLU:OE2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:HA3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:36:GLY:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CD2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CE3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CH2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:CZ3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HD1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HE3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HH2	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:HZ3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:NE1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:37:TRP:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CE	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HE3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:HG3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:48:MET:SD	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:51:ASP:OD2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HB3	8	2.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD21	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:HD22	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:ND2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:O	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:52:ASN:OD1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:C	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CB	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CD2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CE2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CG	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:CZ	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:H	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HA	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HB3	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HD2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE1	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HE2	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:HZ	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:N	8	2.39
(1,15)	2:B:14:THR:OG1	1:A:53:PHE:O	8	2.39
(1,18)	2:B:48:LYS:C	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:C	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:C	1:A:13:VAL:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CB	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:C	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:C	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CG	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:C	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:19:THR:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:C	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HE	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HH2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CB	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CG	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:19:THR:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:C	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HE	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HH2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:H	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:H	1:A:13:VAL:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CB	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:H	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:H	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CG	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:H	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:19:THR:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:C	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HE	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HH2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CB	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CG	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:C	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HE	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HH2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CB	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CG	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:C	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HE	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HH2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CB	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CG	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:C	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HE	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HH2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CB	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CG	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:N	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:11:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:19:THR:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:33:GLN:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:N	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:N	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:N	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CA	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:C	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HE	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HH2	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CG	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CZ	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HH	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:10:TYR:OH	7	0.35
(1,18)	2:B:48:LYS:O	1:A:11:ASP:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:11:ASP:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:11:ASP:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:11:ASP:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:12:ALA:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:12:ALA:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:12:ALA:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:12:ALA:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG11	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG12	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG13	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG21	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG22	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG23	7	0.35
(1,18)	2:B:48:LYS:O	1:A:13:VAL:N	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:13:VAL:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CD2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CE1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:ND1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:NE2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:14:HIS:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:15:ASP:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:15:ASP:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:15:ASP:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:15:ASP:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:16:ASP:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:16:ASP:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:16:ASP:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:16:ASP:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD1	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:CG2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:HB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG21	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG22	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG23	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:19:THR:OG1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CD	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CZ	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HE	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH11	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH12	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH21	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH22	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NE	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:21:ARG:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CB	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CD	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE21	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE22	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:NE2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:33:GLN:OE1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CD	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:O	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:36:GLY:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:36:GLY:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:36:GLY:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:36:GLY:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:36:GLY:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CH2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HD1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HH2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:NE1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:37:TRP:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:CE	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:48:MET:SD	7	0.35
(1,18)	2:B:48:LYS:O	1:A:51:ASP:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:51:ASP:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:51:ASP:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:51:ASP:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CG	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD21	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD22	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:ND2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:O	7	0.35
(1,18)	2:B:48:LYS:O	1:A:52:ASN:OD1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:C	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CB	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CG	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CZ	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:H	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HA	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB3	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE1	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE2	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HZ	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:N	7	0.35
(1,18)	2:B:48:LYS:O	1:A:53:PHE:O	7	0.35
(1,14)	2:B:11:LYS:C	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:C	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:11:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:19:THR:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:33:GLN:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:C	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:C	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:C	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:C	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HE	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HH2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CB	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CG	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:19:THR:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:C	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HE	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HH2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CB	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CG	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:H	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:11:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:19:THR:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:33:GLN:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:H	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:H	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:H	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:C	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HE	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HH2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CB	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CG	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:C	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HE	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HH2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CB	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CG	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:C	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HE	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HH2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CB	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CG	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:C	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HE	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HH2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CB	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CG	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:N	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:C	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:15:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HE	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HH2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:N	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:N	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:N	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CB	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:OE1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB3	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CG	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CZ	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HH	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:10:TYR:OH	2	0.33
(1,14)	2:B:11:LYS:O	1:A:11:ASP:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:11:ASP:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:11:ASP:N	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:11:ASP:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:12:ALA:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:12:ALA:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:12:ALA:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:12:ALA:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG11	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG12	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG13	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG21	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG22	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG23	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:13:VAL:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CD2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CE1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:ND1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:NE2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:14:HIS:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:15:ASP:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:15:ASP:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:15:ASP:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:15:ASP:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:16:ASP:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:16:ASP:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:16:ASP:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:16:ASP:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:CG2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:HB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG21	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG22	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG23	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:19:THR:O	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:19:THR:OG1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CD	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CZ	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HE	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH11	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH12	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH21	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH22	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NE	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:21:ARG:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CD	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE21	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE22	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:NE2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:33:GLN:OE1	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:34:GLU:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CD	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:36:GLY:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:36:GLY:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:36:GLY:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:36:GLY:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:36:GLY:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CH2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HD1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HH2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:NE1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:37:TRP:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:CE	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:48:MET:SD	2	0.33
(1,14)	2:B:11:LYS:O	1:A:51:ASP:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:51:ASP:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HA	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:51:ASP:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:51:ASP:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD21	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD22	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:ND2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:O	2	0.33
(1,14)	2:B:11:LYS:O	1:A:52:ASN:OD1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:C	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CB	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CG	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CZ	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:H	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HA	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB3	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE1	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE2	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HZ	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:N	2	0.33
(1,14)	2:B:11:LYS:O	1:A:53:PHE:O	2	0.33
(1,18)	2:B:48:LYS:C	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:C	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:C	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:15:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HE	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HH2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:C	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:C	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:C	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CB	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CG	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:19:THR:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:C	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HE	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HH2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CB	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CG	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:19:THR:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:H	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:C	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:15:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HE	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HH2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:H	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:H	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:H	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CB	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CG	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:C	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HE	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HH2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CB	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CG	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:C	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HE	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HH2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CB	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CG	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:C	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HE	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HH2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CB	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CG	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:C	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HE	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HH2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:N	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:N	1:A:13:VAL:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CB	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:N	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:N	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CG	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:N	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:O	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HE	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HH2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CA	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CZ	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HH	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:10:TYR:OH	3	0.3
(1,18)	2:B:48:LYS:O	1:A:11:ASP:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:11:ASP:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:11:ASP:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:11:ASP:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:12:ALA:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:12:ALA:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:12:ALA:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:12:ALA:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:C	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG11	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG12	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG13	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG21	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG22	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG23	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:13:VAL:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CD2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CE1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:ND1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:NE2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:14:HIS:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:15:ASP:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:15:ASP:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:15:ASP:N	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:15:ASP:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:16:ASP:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:16:ASP:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:16:ASP:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:16:ASP:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:CG2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:HB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG21	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG22	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG23	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:19:THR:OG1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CD	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CZ	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HE	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH11	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH12	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH21	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH22	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NE	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:21:ARG:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CD	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE21	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE22	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:NE2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:33:GLN:OE1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE1	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CD	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:36:GLY:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:36:GLY:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:36:GLY:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:36:GLY:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:36:GLY:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CH2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HD1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HH2	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:NE1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:37:TRP:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:CE	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:48:MET:SD	3	0.3
(1,18)	2:B:48:LYS:O	1:A:51:ASP:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:51:ASP:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:51:ASP:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:51:ASP:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB3	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD21	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD22	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:ND2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:O	3	0.3
(1,18)	2:B:48:LYS:O	1:A:52:ASN:OD1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:C	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CB	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CG	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CZ	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:H	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HA	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB3	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE1	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE2	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HZ	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:N	3	0.3
(1,18)	2:B:48:LYS:O	1:A:53:PHE:O	3	0.3
(1,14)	2:B:11:LYS:C	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:C	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:C	1:A:13:VAL:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CB	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:C	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CG	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:C	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:19:THR:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:C	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HE	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HH2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CB	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CG	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:19:THR:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:C	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HE	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HH2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:H	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:H	1:A:13:VAL:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CB	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:H	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:H	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CG	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:H	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:19:THR:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:C	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HE	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HH2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CB	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CG	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:C	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HE	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HH2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CB	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CG	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:C	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HE	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HH2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CB	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CG	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:C	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HE	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HH2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CB	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CG	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:N	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:11:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:19:THR:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:33:GLN:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:N	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:N	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:N	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CA	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:C	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HE	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HH2	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CG	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CZ	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HH	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:10:TYR:OH	9	0.27
(1,14)	2:B:11:LYS:O	1:A:11:ASP:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:11:ASP:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:11:ASP:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:11:ASP:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:12:ALA:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:12:ALA:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:12:ALA:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:12:ALA:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG11	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG12	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG13	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG21	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG22	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG23	9	0.27
(1,14)	2:B:11:LYS:O	1:A:13:VAL:N	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:13:VAL:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CD2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CE1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:ND1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:NE2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:14:HIS:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:15:ASP:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:15:ASP:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:15:ASP:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:15:ASP:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:16:ASP:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:16:ASP:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:16:ASP:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:16:ASP:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD1	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:CG2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:HB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG21	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG22	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG23	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:19:THR:OG1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CD	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CZ	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HE	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH11	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH12	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH21	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH22	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NE	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:21:ARG:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CB	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CD	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE21	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE22	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:NE2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:33:GLN:OE1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CD	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:O	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:36:GLY:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:36:GLY:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:36:GLY:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:36:GLY:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:36:GLY:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CH2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HD1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HH2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:NE1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:37:TRP:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:CE	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB3	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:48:MET:SD	9	0.27
(1,14)	2:B:11:LYS:O	1:A:51:ASP:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:51:ASP:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:51:ASP:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:51:ASP:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CG	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD21	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD22	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:ND2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:O	9	0.27
(1,14)	2:B:11:LYS:O	1:A:52:ASN:OD1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:C	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CB	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CG	9	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CZ	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:H	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HA	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB3	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE1	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE2	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HZ	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:N	9	0.27
(1,14)	2:B:11:LYS:O	1:A:53:PHE:O	9	0.27
(1,14)	2:B:11:LYS:C	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:C	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:11:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:19:THR:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:33:GLN:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:C	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:C	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:C	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:C	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HE	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HH2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CB	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CG	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:19:THR:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:C	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HE	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HH2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CB	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CG	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:H	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:11:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:19:THR:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:33:GLN:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:H	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:H	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:H	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:C	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HE	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HH2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CB	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CG	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:C	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HE	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HH2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CB	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CG	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:C	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HE	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HH2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CB	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CG	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:C	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HE	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HH2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CB	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CG	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:N	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:C	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:15:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HE	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HH2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:N	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:N	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:N	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CB	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:OE1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB3	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CG	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CZ	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HH	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:10:TYR:OH	3	0.24
(1,14)	2:B:11:LYS:O	1:A:11:ASP:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:11:ASP:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:11:ASP:N	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:11:ASP:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:12:ALA:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:12:ALA:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:12:ALA:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:12:ALA:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG11	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG12	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG13	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG21	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG22	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG23	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:13:VAL:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CD2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CE1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:ND1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:NE2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:14:HIS:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:15:ASP:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:15:ASP:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:15:ASP:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:15:ASP:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:16:ASP:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:16:ASP:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:16:ASP:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:16:ASP:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:CG2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:HB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG21	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG22	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG23	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:19:THR:O	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:19:THR:OG1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CD	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CZ	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HE	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH11	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH12	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH21	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH22	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NE	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:21:ARG:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CD	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE21	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE22	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:NE2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:33:GLN:OE1	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:34:GLU:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CD	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:36:GLY:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:36:GLY:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:36:GLY:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:36:GLY:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:36:GLY:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD2	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CH2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HD1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HH2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:NE1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:37:TRP:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:CE	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:48:MET:SD	3	0.24
(1,14)	2:B:11:LYS:O	1:A:51:ASP:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:51:ASP:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HA	3	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:51:ASP:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:51:ASP:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD21	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD22	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:ND2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:O	3	0.24
(1,14)	2:B:11:LYS:O	1:A:52:ASN:OD1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:C	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CB	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CG	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CZ	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:H	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HA	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB3	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE1	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE2	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HZ	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:N	3	0.24
(1,14)	2:B:11:LYS:O	1:A:53:PHE:O	3	0.24
(1,18)	2:B:48:LYS:C	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:C	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:C	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:15:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HE	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HH2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:C	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:C	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CB	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CG	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:19:THR:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:C	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HE	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HH2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CB	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CG	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:19:THR:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:H	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:C	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:15:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HE	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HH2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:H	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:H	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:H	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CB	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CG	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:C	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HE	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HH2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CB	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CG	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:C	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HE	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HH2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CB	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CG	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:C	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HE	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HH2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CB	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CG	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:C	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HE	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HH2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:N	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:N	1:A:13:VAL:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CB	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:N	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:N	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CG	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:N	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:O	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HE	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HH2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CA	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CZ	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HH	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:10:TYR:OH	5	0.23
(1,18)	2:B:48:LYS:O	1:A:11:ASP:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:11:ASP:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:11:ASP:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:11:ASP:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:12:ALA:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:12:ALA:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:12:ALA:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:12:ALA:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:C	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG11	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG12	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG13	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG21	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG22	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG23	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:13:VAL:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CD2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CE1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:ND1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:NE2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:14:HIS:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:15:ASP:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:15:ASP:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:15:ASP:N	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:15:ASP:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:16:ASP:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:16:ASP:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:16:ASP:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:16:ASP:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:CG2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:HB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG21	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG22	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG23	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:19:THR:OG1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CD	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CZ	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HE	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH11	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH12	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH21	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH22	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NE	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:21:ARG:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CD	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE21	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE22	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:NE2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:33:GLN:OE1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE1	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CD	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:36:GLY:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:36:GLY:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:36:GLY:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:36:GLY:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:36:GLY:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CH2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HD1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HH2	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:NE1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:37:TRP:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:CE	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:48:MET:SD	5	0.23
(1,18)	2:B:48:LYS:O	1:A:51:ASP:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:51:ASP:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:51:ASP:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:51:ASP:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB3	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD21	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD22	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:ND2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:O	5	0.23
(1,18)	2:B:48:LYS:O	1:A:52:ASN:OD1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:C	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CB	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CG	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CZ	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:H	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HA	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB3	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE1	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE2	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HZ	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:N	5	0.23
(1,18)	2:B:48:LYS:O	1:A:53:PHE:O	5	0.23
(1,18)	2:B:48:LYS:C	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:C	1:A:13:VAL:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CB	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:C	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CG	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:C	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:19:THR:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:C	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HE	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HH2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CB	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CG	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:19:THR:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:C	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HE	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HH2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:H	1:A:13:VAL:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CB	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:H	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CG	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:H	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:19:THR:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:C	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HE	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HH2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CB	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CG	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:C	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HE	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HH2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CB	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CG	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:C	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HE	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HH2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CB	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CG	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:C	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HE	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HH2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CB	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CG	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:19:THR:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:33:GLN:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:N	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:N	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CA	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:C	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HE	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HH2	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CG	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CZ	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HH	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:10:TYR:OH	1	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:12:ALA:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG11	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG12	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG13	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG21	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG22	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG23	1	0.22
(1,18)	2:B:48:LYS:O	1:A:13:VAL:N	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:13:VAL:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CD2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CE1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:ND1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:NE2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:14:HIS:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD1	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:CG2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:HB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG21	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG22	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG23	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:19:THR:OG1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CD	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CZ	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HE	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH11	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH12	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH21	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH22	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NE	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:21:ARG:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CB	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CD	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE21	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE22	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:NE2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:33:GLN:OE1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CD	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:O	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:36:GLY:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CH2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HD1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HH2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:NE1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:37:TRP:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:CE	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB3	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:48:MET:SD	1	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CG	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD21	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD22	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:ND2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:O	1	0.22
(1,18)	2:B:48:LYS:O	1:A:52:ASN:OD1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:C	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CB	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CG	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CZ	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:H	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HA	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB3	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE1	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE2	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HZ	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:N	1	0.22
(1,18)	2:B:48:LYS:O	1:A:53:PHE:O	1	0.22
(1,14)	2:B:11:LYS:C	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:C	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HE	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HH2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CB	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CG	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:C	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HE	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HH2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CB	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CG	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:C	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HE	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HH2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CB	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CG	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:C	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HE	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HH2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CB	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CG	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:C	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HE	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HH2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CB	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CG	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:C	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HE	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HH2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CB	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CG	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:C	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HE	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HH2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CB	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:OE1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB3	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CG	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CZ	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HH	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:OH	1	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:N	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:11:ASP:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG11	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG12	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG13	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG21	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG22	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG23	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CD2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CE1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:ND1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:NE2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:CG2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG21	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG22	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG23	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:O	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:19:THR:OG1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CD	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CZ	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HE	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH11	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH12	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH21	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH22	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NE	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CD	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE21	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE22	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:NE2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:OE1	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:34:GLU:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CD	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD2	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CH2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HD1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HH2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:NE1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:CE	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:SD	1	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HA	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD21	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD22	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:ND2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:O	1	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:OD1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:C	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CB	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CG	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CZ	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:H	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HA	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB3	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE1	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE2	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HZ	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:N	1	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:O	1	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:C	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HE	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HH2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:C	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CB	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CG	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:19:THR:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:C	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HE	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HH2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CB	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CG	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:19:THR:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:C	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HE	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HH2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:H	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:H	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CB	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CG	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:C	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HE	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HH2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CB	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CG	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:C	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HE	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HH2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CB	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CG	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:C	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HE	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HH2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CB	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CG	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:C	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HE	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HH2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:N	1:A:13:VAL:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CB	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:N	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CG	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:N	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:O	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HE	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HH2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CA	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CZ	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HH	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:10:TYR:OH	10	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:12:ALA:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:C	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG11	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG12	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG13	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG21	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG22	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG23	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:13:VAL:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CD2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CE1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:ND1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:NE2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:14:HIS:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:N	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:15:ASP:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:CG2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG21	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG22	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG23	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:19:THR:OG1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CD	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CZ	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HE	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH11	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH12	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH21	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH22	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NE	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:21:ARG:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CD	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE21	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE22	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:NE2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:33:GLN:OE1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE1	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CD	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:36:GLY:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CH2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HD1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HH2	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:NE1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:37:TRP:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:CE	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:48:MET:SD	10	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB3	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD21	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD22	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:ND2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:O	10	0.21
(1,14)	2:B:11:LYS:O	1:A:52:ASN:OD1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:C	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CB	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CG	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CZ	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:H	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HA	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB3	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE1	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE2	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HZ	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:N	10	0.21
(1,14)	2:B:11:LYS:O	1:A:53:PHE:O	10	0.21
(1,14)	2:B:11:LYS:C	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:C	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:C	1:A:13:VAL:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CB	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:C	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:C	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:19:THR:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:C	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HE	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HH2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CB	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:19:THR:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:C	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HE	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HH2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:H	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:H	1:A:13:VAL:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CB	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:H	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:H	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:H	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:19:THR:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:C	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HE	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HH2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CB	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:C	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HE	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HH2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CB	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:C	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HE	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HH2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CB	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:C	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HE	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HH2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CB	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:N	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:11:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:19:THR:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:33:GLN:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:N	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:N	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:N	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CA	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:C	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HE	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HH2	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CG	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CZ	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HH	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:10:TYR:OH	4	0.2
(1,14)	2:B:11:LYS:O	1:A:11:ASP:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:11:ASP:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:11:ASP:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:11:ASP:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:12:ALA:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:12:ALA:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:12:ALA:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:12:ALA:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG11	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG12	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG13	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG21	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG22	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG23	4	0.2
(1,14)	2:B:11:LYS:O	1:A:13:VAL:N	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:13:VAL:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CD2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CE1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:ND1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:NE2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:14:HIS:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:15:ASP:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:15:ASP:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:15:ASP:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:15:ASP:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:16:ASP:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:16:ASP:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:16:ASP:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:16:ASP:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD1	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:CG2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:HB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG21	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG22	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG23	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:19:THR:OG1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CD	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CZ	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HE	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH11	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH12	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH21	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH22	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NE	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:21:ARG:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CB	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CD	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE21	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE22	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:NE2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:33:GLN:OE1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CD	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:O	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:36:GLY:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:36:GLY:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:36:GLY:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:36:GLY:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:36:GLY:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CH2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HD1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HH2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:NE1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:37:TRP:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:CE	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:48:MET:SD	4	0.2
(1,14)	2:B:11:LYS:O	1:A:51:ASP:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:51:ASP:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:51:ASP:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:51:ASP:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CG	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD21	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD22	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:ND2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:O	4	0.2
(1,14)	2:B:11:LYS:O	1:A:52:ASN:OD1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:C	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CB	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CG	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CZ	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:H	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HA	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB3	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE1	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE2	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HZ	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:N	4	0.2
(1,14)	2:B:11:LYS:O	1:A:53:PHE:O	4	0.2
(1,14)	2:B:11:LYS:C	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:C	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:11:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:19:THR:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:33:GLN:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:C	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:C	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:C	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:C	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HE	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HH2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CB	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CG	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:19:THR:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:C	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HE	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HH2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CB	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CG	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:H	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:11:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:19:THR:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:33:GLN:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:H	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:H	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:H	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:C	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HE	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HH2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CB	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CG	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:C	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HE	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HH2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CB	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CG	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:C	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HE	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HH2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CB	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CG	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:C	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HE	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HH2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CB	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CG	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:N	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:C	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:15:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HE	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HH2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:N	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:N	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:N	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CB	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:OE1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB3	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CG	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CZ	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HH	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:10:TYR:OH	7	0.19
(1,14)	2:B:11:LYS:O	1:A:11:ASP:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:11:ASP:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:11:ASP:N	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:11:ASP:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:12:ALA:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:12:ALA:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:12:ALA:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:12:ALA:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG11	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG12	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG13	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG21	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG22	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG23	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:13:VAL:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CD2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CE1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:ND1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:NE2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:14:HIS:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:15:ASP:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:15:ASP:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:15:ASP:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:15:ASP:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:16:ASP:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:16:ASP:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:16:ASP:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:16:ASP:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:CG2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:HB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG21	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG22	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG23	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:19:THR:O	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:19:THR:OG1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CD	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CZ	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HE	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH11	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH12	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH21	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH22	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NE	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:21:ARG:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CD	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE21	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE22	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:NE2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:33:GLN:OE1	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:34:GLU:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CD	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:36:GLY:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:36:GLY:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:36:GLY:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:36:GLY:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:36:GLY:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD2	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CH2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HD1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HH2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:NE1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:37:TRP:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:CE	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:48:MET:SD	7	0.19
(1,14)	2:B:11:LYS:O	1:A:51:ASP:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:51:ASP:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HA	7	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:51:ASP:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:51:ASP:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD21	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD22	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:ND2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:O	7	0.19
(1,14)	2:B:11:LYS:O	1:A:52:ASN:OD1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:C	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CB	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CG	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CZ	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:H	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HA	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB3	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE1	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE2	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HZ	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:N	7	0.19
(1,14)	2:B:11:LYS:O	1:A:53:PHE:O	7	0.19
(1,18)	2:B:48:LYS:C	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:C	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:C	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:15:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HE	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HH2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:C	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:C	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:C	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CB	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CG	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:19:THR:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:C	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HE	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HH2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CB	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CG	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:19:THR:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:H	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:C	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:15:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HE	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HH2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:H	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:H	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:H	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CB	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CG	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:C	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HE	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HH2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CB	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CG	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:C	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HE	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HH2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CB	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CG	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:C	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HE	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HH2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CB	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CG	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:C	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HE	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HH2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:N	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:N	1:A:13:VAL:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CB	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:N	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:N	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CG	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:N	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:O	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HE	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HH2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CA	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CZ	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HH	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:10:TYR:OH	10	0.16
(1,18)	2:B:48:LYS:O	1:A:11:ASP:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:11:ASP:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:11:ASP:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:11:ASP:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:12:ALA:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:12:ALA:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:12:ALA:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:12:ALA:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:C	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG11	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG12	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG13	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG21	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG22	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG23	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:13:VAL:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CD2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CE1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:ND1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:NE2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:14:HIS:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:15:ASP:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:15:ASP:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:15:ASP:N	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:15:ASP:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:16:ASP:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:16:ASP:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:16:ASP:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:16:ASP:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:CG2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:HB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG21	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG22	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG23	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:19:THR:OG1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CD	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CZ	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HE	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH11	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH12	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH21	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH22	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NE	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:21:ARG:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CD	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE21	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE22	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:NE2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:33:GLN:OE1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE1	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CD	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:36:GLY:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:36:GLY:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:36:GLY:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:36:GLY:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:36:GLY:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CH2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HD1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HH2	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:NE1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:37:TRP:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:CE	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:48:MET:SD	10	0.16
(1,18)	2:B:48:LYS:O	1:A:51:ASP:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:51:ASP:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:51:ASP:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:51:ASP:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB3	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD21	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD22	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:ND2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:O	10	0.16
(1,18)	2:B:48:LYS:O	1:A:52:ASN:OD1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:C	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CB	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CG	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CZ	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:H	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HA	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB3	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE1	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE2	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HZ	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:N	10	0.16
(1,18)	2:B:48:LYS:O	1:A:53:PHE:O	10	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:HG3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:C	2:B:6:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:C	2:B:6:LYS:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:HB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:7:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:8:LEU:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:CB	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:C	2:B:9:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:HB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:9:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:10:GLY:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:10:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:10:GLY:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:10:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:10:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:10:GLY:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:10:GLY:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:C	2:B:11:LYS:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:CA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:C	2:B:12:THR:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:HB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:12:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:HB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:14:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:34:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:C	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:C	2:B:42:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:42:ARG:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:46:ALA:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:46:ALA:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:46:ALA:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:46:ALA:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:46:ALA:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:46:ALA:HB1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:46:ALA:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:46:ALA:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:46:ALA:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:46:ALA:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:47:GLY:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:47:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:47:GLY:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:47:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:47:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:47:GLY:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:47:GLY:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:CA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:C	2:B:48:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:C	2:B:48:LYS:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:CD	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:HE21	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:HE22	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:HG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:HG3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:NE2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:49:GLN:OE1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:CG	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:C	2:B:51:GLU:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:51:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:52:ASP:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:52:ASP:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:52:ASP:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:52:ASP:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:52:ASP:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:52:ASP:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:52:ASP:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:52:ASP:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:52:ASP:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:52:ASP:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:52:ASP:OD1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:52:ASP:OD2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:53:GLY:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:53:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:53:GLY:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:53:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:53:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:53:GLY:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:53:GLY:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:HB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:66:THR:O	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:C	2:B:66:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:CD2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:CE1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:HD1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:HD2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:HE1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:HE2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:ND1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:NE2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:68:HIS:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:71:LEU:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:CD	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:C	2:B:72:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:72:ARG:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:73:LEU:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:CB	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:C	2:B:74:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:74:ARG:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:75:GLY:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:75:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:75:GLY:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:75:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:75:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:75:GLY:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:75:GLY:O	9	0.16
(1,1)	1:A:11:ASP:C	2:B:76:GLY:C	9	0.16
(1,1)	1:A:11:ASP:C	2:B:76:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:C	2:B:76:GLY:H	9	0.16
(1,1)	1:A:11:ASP:C	2:B:76:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:C	2:B:76:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:C	2:B:76:GLY:N	9	0.16
(1,1)	1:A:11:ASP:C	2:B:76:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:H	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:6:LYS:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:7:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:HD13	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:8:LEU:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:9:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:10:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:10:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:10:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:10:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:10:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:10:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:10:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:HG2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:11:LYS:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:12:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:14:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:HA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:34:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:42:ARG:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:46:ALA:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:46:ALA:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:46:ALA:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:46:ALA:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:46:ALA:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:46:ALA:HB1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:46:ALA:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:46:ALA:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:46:ALA:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:46:ALA:O	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CA	2:B:47:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:47:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:47:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:47:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:47:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:47:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:47:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:48:LYS:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:CD	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:HE21	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:HE22	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:HG2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:HG3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:NE2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:49:GLN:OE1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:51:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:52:ASP:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:52:ASP:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:52:ASP:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:52:ASP:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:52:ASP:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:52:ASP:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:52:ASP:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:52:ASP:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:52:ASP:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:52:ASP:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:52:ASP:OD1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:52:ASP:OD2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:53:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:53:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:53:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:53:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:53:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:53:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:53:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:CG2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CA	2:B:66:THR:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:66:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:CD2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:CE1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:HD1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:HD2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:HE1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:HE2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:ND1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:NE2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:68:HIS:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:HD21	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:71:LEU:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:72:ARG:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:HD13	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:73:LEU:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:74:ARG:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:75:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:75:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:75:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:75:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:75:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:75:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:75:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:76:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:76:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:76:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:76:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:76:GLY:HA3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CA	2:B:76:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CA	2:B:76:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:6:LYS:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:7:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:CD1	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:8:LEU:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:9:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:10:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:10:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:10:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:10:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:10:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:10:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:10:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:CG	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:11:LYS:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:12:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:N	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CB	2:B:14:THR:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:14:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:34:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:42:ARG:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:46:ALA:C	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CB	2:B:46:ALA:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:46:ALA:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:46:ALA:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:46:ALA:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:46:ALA:HB1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:46:ALA:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:46:ALA:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:46:ALA:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:46:ALA:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:47:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:47:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:47:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:47:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:47:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:47:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:47:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:48:LYS:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:CD	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:HE21	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:HE22	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:HG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:HG3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:NE2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:49:GLN:OE1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:51:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:52:ASP:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:52:ASP:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:52:ASP:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:52:ASP:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:52:ASP:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:52:ASP:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:52:ASP:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:52:ASP:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:52:ASP:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:52:ASP:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:52:ASP:OD1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:52:ASP:OD2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:53:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:53:GLY:CA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CB	2:B:53:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:53:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:53:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:53:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:53:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:66:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:CD2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:CE1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:HD1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:HD2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:HE1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:HE2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:ND1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:NE2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:68:HIS:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:CD2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:71:LEU:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:72:ARG:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:CD1	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:73:LEU:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:74:ARG:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:75:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:75:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:75:GLY:H	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CB	2:B:75:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:75:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:75:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:75:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:76:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:76:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:76:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:76:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:76:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:76:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CB	2:B:76:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:6:LYS:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:HG21	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CG	2:B:7:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:7:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:8:LEU:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:9:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:10:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:10:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:10:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:10:GLY:HA2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CG	2:B:10:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:10:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:10:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:11:LYS:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:12:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:CB	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CG	2:B:14:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:14:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:34:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:HH11	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:42:ARG:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:46:ALA:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:46:ALA:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:46:ALA:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:46:ALA:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:46:ALA:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:46:ALA:HB1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:46:ALA:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:46:ALA:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:46:ALA:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:46:ALA:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:47:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:47:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:47:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:47:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:47:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:47:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:47:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:HZ1	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:48:LYS:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:CD	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:HE21	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:HE22	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:HG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:HG3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:NE2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:49:GLN:OE1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:51:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:52:ASP:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:52:ASP:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:52:ASP:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:52:ASP:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:52:ASP:H	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CG	2:B:52:ASP:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:52:ASP:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:52:ASP:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:52:ASP:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:52:ASP:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:52:ASP:OD1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:52:ASP:OD2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:53:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:53:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:53:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:53:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:53:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:53:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:53:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:HB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:66:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:CD2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:CE1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:HD1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:HD2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:HE1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:HE2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:ND1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:NE2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:68:HIS:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:71:LEU:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:HH22	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:72:ARG:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:73:LEU:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:HH21	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:74:ARG:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:75:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:75:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:75:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:75:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:75:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:75:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:75:GLY:O	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:76:GLY:C	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:76:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:76:GLY:H	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:76:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:76:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:76:GLY:N	9	0.16
(1,1)	1:A:11:ASP:CG	2:B:76:GLY:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:H	2:B:6:LYS:O	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:H	2:B:7:THR:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:HB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:7:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:8:LEU:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:HB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:HG21	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:H	2:B:9:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:9:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:10:GLY:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:10:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:10:GLY:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:10:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:10:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:10:GLY:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:10:GLY:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:H	2:B:11:LYS:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:HB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:HG1	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:H	2:B:12:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:12:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:HB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:14:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:34:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:H	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:H	2:B:42:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:42:ARG:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:46:ALA:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:46:ALA:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:46:ALA:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:46:ALA:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:46:ALA:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:46:ALA:HB1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:46:ALA:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:46:ALA:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:46:ALA:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:46:ALA:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:47:GLY:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:47:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:47:GLY:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:47:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:47:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:47:GLY:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:47:GLY:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:HA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:H	2:B:48:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:H	2:B:48:LYS:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:CD	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:HE21	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:HE22	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:HG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:HG3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:NE2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:49:GLN:OE1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:HG3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:H	2:B:51:GLU:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:51:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:52:ASP:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:52:ASP:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:52:ASP:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:52:ASP:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:52:ASP:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:52:ASP:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:52:ASP:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:52:ASP:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:52:ASP:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:52:ASP:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:52:ASP:OD1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:52:ASP:OD2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:53:GLY:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:53:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:53:GLY:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:53:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:53:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:53:GLY:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:53:GLY:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:HB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:66:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:CD2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:CE1	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:H	2:B:68:HIS:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:HD1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:HD2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:HE1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:HE2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:ND1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:NE2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:68:HIS:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:71:LEU:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:HB3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:H	2:B:72:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:72:ARG:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:73:LEU:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:HB2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:H	2:B:74:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:74:ARG:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:75:GLY:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:75:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:75:GLY:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:75:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:75:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:75:GLY:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:75:GLY:O	9	0.16
(1,1)	1:A:11:ASP:H	2:B:76:GLY:C	9	0.16
(1,1)	1:A:11:ASP:H	2:B:76:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:H	2:B:76:GLY:H	9	0.16
(1,1)	1:A:11:ASP:H	2:B:76:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:H	2:B:76:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:H	2:B:76:GLY:N	9	0.16
(1,1)	1:A:11:ASP:H	2:B:76:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:HE2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:6:LYS:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:7:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:8:LEU:O	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HA	2:B:9:THR:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:9:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:10:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:10:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:10:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:10:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:10:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:10:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:10:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:NZ	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HA	2:B:11:LYS:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:12:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:14:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:O	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:34:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:42:ARG:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:46:ALA:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:46:ALA:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:46:ALA:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:46:ALA:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:46:ALA:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:46:ALA:HB1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:46:ALA:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:46:ALA:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:46:ALA:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:46:ALA:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:47:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:47:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:47:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:47:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:47:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:47:GLY:N	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HA	2:B:47:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:48:LYS:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:CD	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:HE21	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:HE22	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:HG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:HG3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:NE2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:49:GLN:OE1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:CA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:51:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:52:ASP:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:52:ASP:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:52:ASP:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:52:ASP:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:52:ASP:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:52:ASP:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:52:ASP:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:52:ASP:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:52:ASP:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:52:ASP:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:52:ASP:OD1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:52:ASP:OD2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:53:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:53:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:53:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:53:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:53:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:53:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:53:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:HG22	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HA	2:B:66:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:66:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:CD2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:CE1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:HD1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:HD2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:HE1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:HE2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:ND1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:NE2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:68:HIS:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:71:LEU:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:C	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:72:ARG:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:73:LEU:O	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:74:ARG:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:75:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:75:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:75:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:75:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:75:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:75:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:75:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:76:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:76:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:76:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:76:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:76:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:76:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HA	2:B:76:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:CD	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:6:LYS:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:7:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:HB3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:8:LEU:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:9:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:10:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:10:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:10:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:10:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:10:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:10:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:10:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:HD3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:11:LYS:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:12:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:14:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:CD	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:34:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:42:ARG:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:46:ALA:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:46:ALA:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:46:ALA:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:46:ALA:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:46:ALA:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:46:ALA:HB1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:46:ALA:HB2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB2	2:B:46:ALA:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:46:ALA:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:46:ALA:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:47:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:47:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:47:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:47:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:47:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:47:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:47:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:48:LYS:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:CD	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:HE21	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:HE22	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:HG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:HG3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:NE2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:49:GLN:OE1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:51:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:52:ASP:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:52:ASP:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:52:ASP:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:52:ASP:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:52:ASP:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:52:ASP:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:52:ASP:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:52:ASP:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:52:ASP:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:52:ASP:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:52:ASP:OD1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:52:ASP:OD2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:53:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:53:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:53:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:53:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:53:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:53:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:53:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:C	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:66:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:CD2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:CE1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:HD1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:HD2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:HE1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:HE2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:ND1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:NE2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:68:HIS:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:HD11	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:71:LEU:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:72:ARG:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:HB3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:73:LEU:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:74:ARG:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:75:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:75:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:75:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:75:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:75:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:75:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:75:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:76:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:76:GLY:CA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB2	2:B:76:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:76:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:76:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:76:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HB2	2:B:76:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:6:LYS:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:7:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:C	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:8:LEU:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:9:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:10:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:10:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:10:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:10:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:10:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:10:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:10:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:CB	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:11:LYS:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:12:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:HG21	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:14:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:34:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:NH1	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:42:ARG:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:46:ALA:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:46:ALA:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:46:ALA:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:46:ALA:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:46:ALA:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:46:ALA:HB1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:46:ALA:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:46:ALA:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:46:ALA:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:46:ALA:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:47:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:47:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:47:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:47:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:47:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:47:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:47:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:48:LYS:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:C	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:CD	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:HE21	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:HE22	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:HG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:HG3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:NE2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:49:GLN:OE1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:51:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:52:ASP:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:52:ASP:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:52:ASP:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:52:ASP:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:52:ASP:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:52:ASP:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:52:ASP:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:52:ASP:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:52:ASP:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:52:ASP:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:52:ASP:OD1	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB3	2:B:52:ASP:OD2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:53:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:53:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:53:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:53:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:53:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:53:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:53:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:HB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:66:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:CD2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:CE1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:HD1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:HD2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:HE1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:HE2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:ND1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:NE2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:68:HIS:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:CA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:71:LEU:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:72:ARG:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:C	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:73:LEU:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:74:ARG:O	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:HB3	2:B:75:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:75:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:75:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:75:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:75:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:75:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:75:GLY:O	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:76:GLY:C	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:76:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:76:GLY:H	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:76:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:76:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:76:GLY:N	9	0.16
(1,1)	1:A:11:ASP:HB3	2:B:76:GLY:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:N	2:B:6:LYS:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:HA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:N	2:B:7:THR:HB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:7:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:8:LEU:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:HB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:9:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:10:GLY:C	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:N	2:B:10:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:10:GLY:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:10:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:10:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:10:GLY:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:10:GLY:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:N	2:B:11:LYS:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:HB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:12:THR:OG1	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:N	2:B:14:THR:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:HB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:14:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:34:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:HE	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:N	2:B:42:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:42:ARG:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:46:ALA:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:46:ALA:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:46:ALA:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:46:ALA:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:46:ALA:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:46:ALA:HB1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:46:ALA:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:46:ALA:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:46:ALA:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:46:ALA:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:47:GLY:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:47:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:47:GLY:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:47:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:47:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:47:GLY:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:47:GLY:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:HE3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:N	2:B:48:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:N	2:B:48:LYS:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:CD	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:HE21	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:HE22	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:HG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:HG3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:NE2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:49:GLN:OE1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:51:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:52:ASP:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:52:ASP:CA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:N	2:B:52:ASP:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:52:ASP:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:52:ASP:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:52:ASP:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:52:ASP:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:52:ASP:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:52:ASP:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:52:ASP:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:52:ASP:OD1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:52:ASP:OD2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:53:GLY:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:53:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:53:GLY:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:53:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:53:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:53:GLY:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:53:GLY:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:HB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:66:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:CD2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:CE1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:HD1	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:N	2:B:68:HIS:HD2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:HE1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:HE2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:ND1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:NE2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:68:HIS:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:71:LEU:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:HH11	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:N	2:B:72:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:72:ARG:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:73:LEU:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:HG3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:N	2:B:74:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:74:ARG:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:75:GLY:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:75:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:75:GLY:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:75:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:75:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:75:GLY:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:75:GLY:O	9	0.16
(1,1)	1:A:11:ASP:N	2:B:76:GLY:C	9	0.16
(1,1)	1:A:11:ASP:N	2:B:76:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:N	2:B:76:GLY:H	9	0.16
(1,1)	1:A:11:ASP:N	2:B:76:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:N	2:B:76:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:N	2:B:76:GLY:N	9	0.16
(1,1)	1:A:11:ASP:N	2:B:76:GLY:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:HZ3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:O	2:B:6:LYS:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:O	2:B:6:LYS:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:HB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:7:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:8:LEU:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:HA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:O	2:B:9:THR:HB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:9:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:10:GLY:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:10:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:10:GLY:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:10:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:10:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:10:GLY:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:10:GLY:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:O	2:B:11:LYS:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:H	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:O	2:B:12:THR:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:HB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:12:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:HB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:14:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:34:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:CD	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:O	2:B:42:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:42:ARG:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:46:ALA:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:46:ALA:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:46:ALA:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:46:ALA:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:46:ALA:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:46:ALA:HB1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:46:ALA:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:46:ALA:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:46:ALA:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:46:ALA:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:47:GLY:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:47:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:47:GLY:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:47:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:47:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:47:GLY:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:47:GLY:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:CE	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:O	2:B:48:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:O	2:B:48:LYS:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:CD	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:HE21	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:HE22	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:HG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:HG3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:NE2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:49:GLN:OE1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:HB2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:O	2:B:51:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:51:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:52:ASP:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:52:ASP:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:52:ASP:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:52:ASP:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:52:ASP:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:52:ASP:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:52:ASP:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:52:ASP:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:52:ASP:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:52:ASP:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:52:ASP:OD1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:52:ASP:OD2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:53:GLY:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:53:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:53:GLY:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:53:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:53:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:53:GLY:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:53:GLY:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:HB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:66:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:CA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:O	2:B:68:HIS:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:CD2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:CE1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:HD1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:HD2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:HE1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:HE2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:ND1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:NE2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:68:HIS:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:71:LEU:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:H	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:O	2:B:72:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:72:ARG:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:73:LEU:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:CZ	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:O	2:B:74:ARG:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:74:ARG:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:75:GLY:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:75:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:75:GLY:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:75:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:75:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:75:GLY:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:75:GLY:O	9	0.16
(1,1)	1:A:11:ASP:O	2:B:76:GLY:C	9	0.16
(1,1)	1:A:11:ASP:O	2:B:76:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:O	2:B:76:GLY:H	9	0.16
(1,1)	1:A:11:ASP:O	2:B:76:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:O	2:B:76:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:O	2:B:76:GLY:N	9	0.16
(1,1)	1:A:11:ASP:O	2:B:76:GLY:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:HB3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:6:LYS:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:HB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:7:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:HD23	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:8:LEU:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:HB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:9:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:10:GLY:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:10:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:10:GLY:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:10:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:10:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:10:GLY:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:10:GLY:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:HZ2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:11:LYS:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:HB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:12:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:HB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:14:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:HG2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:34:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:42:ARG:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:46:ALA:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:46:ALA:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:46:ALA:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:46:ALA:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:46:ALA:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:46:ALA:HB1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:46:ALA:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:46:ALA:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:46:ALA:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:46:ALA:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:47:GLY:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:47:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:47:GLY:H	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD1	2:B:47:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:47:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:47:GLY:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:47:GLY:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:48:LYS:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:CD	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:HE21	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:HE22	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:HG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:HG3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:NE2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:O	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD1	2:B:49:GLN:OE1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:51:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:52:ASP:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:52:ASP:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:52:ASP:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:52:ASP:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:52:ASP:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:52:ASP:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:52:ASP:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:52:ASP:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:52:ASP:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:52:ASP:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:52:ASP:OD1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:52:ASP:OD2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:53:GLY:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:53:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:53:GLY:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:53:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:53:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:53:GLY:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:53:GLY:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:HB	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:66:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:CD2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:CE1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:HD1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:HD2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:HE1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:HE2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:ND1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:NE2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:68:HIS:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:HG	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:71:LEU:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:72:ARG:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:HD23	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:73:LEU:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:74:ARG:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:75:GLY:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:75:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:75:GLY:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:75:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:75:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:75:GLY:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:75:GLY:O	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:76:GLY:C	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:76:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:76:GLY:H	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:76:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:76:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:76:GLY:N	9	0.16
(1,1)	1:A:11:ASP:OD1	2:B:76:GLY:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:C	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:6:LYS:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:HB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:7:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:H	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:8:LEU:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:HB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:9:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:10:GLY:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:10:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:10:GLY:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:10:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:10:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:10:GLY:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:10:GLY:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:HB2	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:11:LYS:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:HB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:12:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:HB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:14:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:C	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:34:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:42:ARG:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:46:ALA:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:46:ALA:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:46:ALA:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:46:ALA:H	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD2	2:B:46:ALA:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:46:ALA:HB1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:46:ALA:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:46:ALA:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:46:ALA:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:46:ALA:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:47:GLY:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:47:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:47:GLY:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:47:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:47:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:47:GLY:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:47:GLY:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:CD	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:CE	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:HD2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:HD3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:HE2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:HE3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:HG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:HG3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:HZ1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:HZ2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:HZ3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:NZ	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:48:LYS:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:CD	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:HA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:HE21	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:HE22	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:HG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:HG3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:NE2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:49:GLN:OE1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:CD	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:HG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:HG3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:OE1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:51:GLU:OE2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:52:ASP:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:52:ASP:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:52:ASP:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:52:ASP:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:52:ASP:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:52:ASP:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:52:ASP:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:52:ASP:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:52:ASP:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:52:ASP:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:52:ASP:OD1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:52:ASP:OD2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:53:GLY:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:53:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:53:GLY:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:53:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:53:GLY:HA3	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD2	2:B:53:GLY:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:53:GLY:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:CG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:HB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:HG1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:HG21	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:HG22	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:HG23	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:66:THR:OG1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:CD2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:CE1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:HD1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:HD2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:HE1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:HE2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:ND1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:NE2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:68:HIS:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:HA	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:71:LEU:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:72:ARG:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:CD1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:CD2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:H	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:HD11	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:HD12	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:HD13	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:HD21	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:HD22	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:HD23	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:HG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:73:LEU:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:CB	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:CD	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:CG	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:CZ	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:HA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:HB2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:HB3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:HD2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:HD3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:HE	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:HG2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:HG3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:HH11	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:HH12	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:HH21	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:HH22	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:NE	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:NH1	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:NH2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:74:ARG:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:75:GLY:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:75:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:75:GLY:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:75:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:75:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:75:GLY:N	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:A:11:ASP:OD2	2:B:75:GLY:O	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:76:GLY:C	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:76:GLY:CA	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:76:GLY:H	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:76:GLY:HA2	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:76:GLY:HA3	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:76:GLY:N	9	0.16
(1,1)	1:A:11:ASP:OD2	2:B:76:GLY:O	9	0.16
(1,18)	2:B:48:LYS:C	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:C	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:12:ALA:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:14:HIS:NE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CD	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CH2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:C	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:51:ASP:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:C	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:C	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH12	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:NE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:ND2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:CA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:NE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CD	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CH2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH12	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:NE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:ND2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:CA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:H	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:12:ALA:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:14:HIS:NE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CD	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CH2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:H	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:51:ASP:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:H	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:H	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH12	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:NE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:ND2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:CA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:NE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CD	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CH2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH12	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:NE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:ND2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:CA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:NE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CD	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CH2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH12	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:NE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:ND2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:CA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:NE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CD	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CH2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH12	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:NE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:ND2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:CA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:NE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CD	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CH2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:N	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:16:ASP:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH12	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:37:TRP:NE1	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:N	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:ND2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:N	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:N	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:NE2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:CA	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CH2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CZ	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HH	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:10:TYR:OH	6	0.15
(1,18)	2:B:48:LYS:O	1:A:11:ASP:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:11:ASP:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:11:ASP:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:11:ASP:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:12:ALA:C	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:12:ALA:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:12:ALA:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:12:ALA:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG11	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG12	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG13	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG21	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG22	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG23	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:13:VAL:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CD2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CE1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:ND1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:14:HIS:NE2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:14:HIS:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:15:ASP:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:15:ASP:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:15:ASP:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:15:ASP:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:16:ASP:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:16:ASP:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:16:ASP:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:16:ASP:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:CG2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:HB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG21	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG22	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG23	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:19:THR:OG1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CB	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CD	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CZ	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HE	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH11	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH12	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH21	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH22	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NE	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:21:ARG:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CD	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE21	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE22	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:NE2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:33:GLN:OE1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CD	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CD	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:36:GLY:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:36:GLY:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:36:GLY:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:36:GLY:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:36:GLY:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CH2	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HD1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HH2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:NE1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:37:TRP:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:CE	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:48:MET:SD	6	0.15
(1,18)	2:B:48:LYS:O	1:A:51:ASP:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:51:ASP:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:51:ASP:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:51:ASP:O	6	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD21	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD22	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:ND2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:O	6	0.15
(1,18)	2:B:48:LYS:O	1:A:52:ASN:OD1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:C	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CB	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CG	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CZ	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:H	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HA	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB3	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE1	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE2	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HZ	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:N	6	0.15
(1,18)	2:B:48:LYS:O	1:A:53:PHE:O	6	0.15
(1,22)	2:B:71:LEU:C	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:CG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HH12	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:NE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:ND2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CE1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:O	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:CG2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HH12	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HA	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:CA	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:NE1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:ND2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HB2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CE1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:CG2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:NE2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HH12	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:CD	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CH2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:NE1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:O	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:ND2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:CG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HH12	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:NE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:ND2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CE1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:O	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:CG2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HH12	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HA	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:CA	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:NE1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:ND2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HB2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CE1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:CG2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:NE2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HH12	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:CD	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CH2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:NE1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:O	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:ND2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:CG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HH12	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:NE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:ND2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CE1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:O	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:CG2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HH12	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HA	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:CA	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:NE1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:ND2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HB2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CE1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:CG2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:NE2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HH12	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:CD	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CH2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:NE1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:O	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:ND2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:CG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HH12	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:NE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:ND2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CE1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:O	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:CG2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HH12	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HA	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:CA	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:NE1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:ND2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HB2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CE1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:CG2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:NE2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HH12	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:CD	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CH2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:NE1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:O	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:ND2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:CG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HH12	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:NE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:ND2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CE1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:O	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:CG2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HH12	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HA	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:CA	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:NE1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:ND2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HB2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CE1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:CG2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:NE2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HH12	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:CD	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CH2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:NE1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:O	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:ND2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:CG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HH12	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:NE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:ND2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CE1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:O	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:CG2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HH12	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HA	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:CA	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:NE1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:ND2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HB2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CE1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:CG2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:NE2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HH12	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:CD	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CH2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:NE1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:O	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:ND2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CD1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CD2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CE2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CZ	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HD1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HD2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HE1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HE2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HH	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:OH	3	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:HB1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:CG1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:CG2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:13:VAL:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG11	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG12	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG13	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG21	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG22	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG23	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CD2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CE1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HD1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HD2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HE1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HE2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:ND1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:NE2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:C	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:16:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:CG2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HG1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HG21	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HG22	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HG23	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:OG1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CD	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CZ	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HD2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HD3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HE	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HG2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HG3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HH11	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HH12	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HH21	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HH22	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:NE	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:NH1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:NH2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:CD	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HE21	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HE22	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HG2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HG3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:NE2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:OE1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:CB	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:35:GLU:CD	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HG2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HG3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:OE1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:OE2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:HA2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:HA3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CD1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CD2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CE2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CE3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CH2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CZ2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CZ3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HD1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HE1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HE3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HH2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HZ2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HZ3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:NE1	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:37:TRP:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:CE	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HE1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HE2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HE3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HG2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HG3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:SD	3	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:OD1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:OD2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HD21	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HD22	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:ND2	3	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:52:ASN:O	3	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:OD1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:C	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CB	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CD1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CD2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CE1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CE2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CG	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CZ	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:H	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HA	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HB2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HB3	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HD1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HD2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HE1	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HE2	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HZ	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:N	3	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:O	3	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:10:TYR:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:CA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:HG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:C	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HB2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:C	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:NE2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:CD	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CH2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HG2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HB2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:CA	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:CG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HH12	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:NE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HG2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:ND2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HB2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:CB	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:CA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HB2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:CD1	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:NE2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:CD	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CH2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HG2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HB2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:CD2	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:CG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HH12	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:NE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HG2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:ND2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HB2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:CG	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:10:TYR:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:CA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:HG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:H	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HB2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:H	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:NE2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:CD	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CH2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HG2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HB2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:HA	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:CG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HH12	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:NE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HG2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:ND2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HB2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:HB2	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:CA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HB2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:HB3	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:NE2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:CD	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CH2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HG2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HB2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:HD11	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:CG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HH12	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:NE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HG2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:ND2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HB2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:HD12	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:CA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HB2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:HD13	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:NE2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:CD	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CH2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HG2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HB2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:HD21	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:CG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HH12	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:NE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HG2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:ND2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HB2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:HD22	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:CA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HB2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:HD23	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:NE2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:CD	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CH2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HG2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HB2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:HG	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:CG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:C	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HH12	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:37:TRP:NE1	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HG2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:ND2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:N	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:N	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HB2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:N	1:A:53:PHE:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CD1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CD2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CE1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CE2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:CZ	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HD1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HD2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HE1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HE2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:HH	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:10:TYR:O	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:10:TYR:OH	10	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:11:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:HB1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:12:ALA:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:CG1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:CG2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG11	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG12	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG13	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG21	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG22	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:HG23	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:13:VAL:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CD2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CE1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HD1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HD2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HE1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:HE2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:ND1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:NE2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:14:HIS:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:15:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:16:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:CB	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:19:THR:CG2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HG1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HG21	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HG22	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:HG23	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:19:THR:OG1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CD	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:CZ	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HD2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HD3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HE	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HG2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HG3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HH11	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HH12	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HH21	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:HH22	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:NE	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:NH1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:NH2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:21:ARG:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:CD	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HE21	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HE22	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HG2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:HG3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:NE2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:33:GLN:OE1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:34:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:CD	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HG2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:HG3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:OE1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:35:GLU:OE2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:CA	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:36:GLY:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:HA2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:HA3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:36:GLY:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CD1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CD2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CE2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CE3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CH2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CZ2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:CZ3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HD1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HE1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HE3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HH2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HZ2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:HZ3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:NE1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:37:TRP:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:CE	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HE1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HE2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HE3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:HG2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:48:MET:HG3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:48:MET:SD	10	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:OD1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:51:ASP:OD2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HB2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HD21	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:HD22	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:ND2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:O	10	0.13
(1,22)	2:B:71:LEU:O	1:A:52:ASN:OD1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:C	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CB	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CD1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CD2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CE1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CE2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CG	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:CZ	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:H	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HA	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HB2	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HB3	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HD1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HD2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HE1	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HE2	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:HZ	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:N	10	0.13
(1,22)	2:B:71:LEU:O	1:A:53:PHE:O	10	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:C	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:12:ALA:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:14:HIS:NE2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CD	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CH2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:C	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:51:ASP:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:C	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:C	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:CG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH12	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:NE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:ND2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:CA	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:CA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:CB	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:NE2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CD	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CH2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:CD	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:CG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH12	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:NE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:ND2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:CE	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:CA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:CG	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:H	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:12:ALA:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:14:HIS:NE2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CD	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CH2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:H	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:51:ASP:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:H	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:H	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:CG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH12	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:NE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:ND2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:HA	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:CA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:HB2	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:NE2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CD	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CH2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:HB3	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:CG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH12	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:NE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:ND2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:HD2	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:CA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:HD3	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:NE2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CD	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CH2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:HE2	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:CG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH12	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:NE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:ND2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:HE3	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:CA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:HG2	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:NE2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CD	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CH2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:HG3	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:CG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH12	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:NE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:ND2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:HZ1	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:CA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:HZ2	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:NE2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CD	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CH2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:HZ3	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:N	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:CG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:16:ASP:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH12	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:37:TRP:NE1	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:N	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:ND2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:N	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:N	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:N	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:NE2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:CA	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CH2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:NZ	1:A:53:PHE:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CD2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CE2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:CZ	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HD2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HE2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:HH	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:10:TYR:OH	8	0.13
(1,14)	2:B:11:LYS:O	1:A:11:ASP:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:11:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:11:ASP:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:11:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:11:ASP:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:11:ASP:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:11:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:12:ALA:C	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:12:ALA:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:12:ALA:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:12:ALA:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:12:ALA:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:12:ALA:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:CG2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG11	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG12	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG13	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG21	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG22	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:HG23	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:13:VAL:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CD2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CE1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HD2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:HE2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:ND1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:14:HIS:NE2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:14:HIS:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:15:ASP:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:15:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:15:ASP:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:15:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:15:ASP:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:15:ASP:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:15:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:16:ASP:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:16:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:16:ASP:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:16:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:16:ASP:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:16:ASP:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:16:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:CG2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:HB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG21	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG22	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:HG23	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:19:THR:OG1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CB	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CD	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:CZ	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HD3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HE	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HG3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH11	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH12	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH21	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:HH22	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NE	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:NH2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:21:ARG:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CD	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE21	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HE22	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:HG3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:NE2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:33:GLN:OE1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CD	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:34:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:34:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CD	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:HG3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:35:GLU:OE2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:36:GLY:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:36:GLY:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:36:GLY:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:36:GLY:HA3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:36:GLY:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:36:GLY:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CD2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CE3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CH2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:CZ3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HD1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HE3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HH2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:HZ3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:NE1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:37:TRP:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:CE	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:HE3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:HG3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:48:MET:SD	8	0.13
(1,14)	2:B:11:LYS:O	1:A:51:ASP:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:51:ASP:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:51:ASP:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:51:ASP:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:51:ASP:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:51:ASP:O	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:51:ASP:OD2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD21	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:HD22	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:ND2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:O	8	0.13
(1,14)	2:B:11:LYS:O	1:A:52:ASN:OD1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:C	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CB	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CD2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CE2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CG	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:CZ	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:H	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HA	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HB3	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HD2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE1	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HE2	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:HZ	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:N	8	0.13
(1,14)	2:B:11:LYS:O	1:A:53:PHE:O	8	0.13
(1,7)	1:A:51:ASP:C	2:B:6:LYS:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:CG	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:C	2:B:6:LYS:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:C	2:B:6:LYS:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:HB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:7:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:HD12	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:C	2:B:8:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:8:LEU:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:HB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:9:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:10:GLY:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:10:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:10:GLY:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:10:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:10:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:10:GLY:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:10:GLY:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:HE3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:C	2:B:11:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:C	2:B:11:LYS:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:HB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:12:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:HB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:14:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:H	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:C	2:B:34:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:34:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:42:ARG:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:46:ALA:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:46:ALA:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:46:ALA:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:46:ALA:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:46:ALA:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:46:ALA:HB1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:46:ALA:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:46:ALA:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:46:ALA:N	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:C	2:B:46:ALA:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:47:GLY:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:47:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:47:GLY:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:47:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:47:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:47:GLY:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:47:GLY:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:C	2:B:48:LYS:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:CD	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:HE21	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:HE22	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:HG2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:C	2:B:49:GLN:HG3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:NE2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:49:GLN:OE1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:51:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:52:ASP:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:52:ASP:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:52:ASP:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:52:ASP:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:52:ASP:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:52:ASP:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:52:ASP:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:52:ASP:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:52:ASP:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:52:ASP:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:52:ASP:OD1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:52:ASP:OD2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:53:GLY:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:53:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:53:GLY:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:53:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:53:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:53:GLY:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:53:GLY:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:CB	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:C	2:B:66:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:HB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:66:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:CD2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:CE1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:HD1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:HD2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:HE1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:HE2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:ND1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:NE2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:68:HIS:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:HD13	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:C	2:B:71:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:71:LEU:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:72:ARG:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:HD12	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:C	2:B:73:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:73:LEU:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:74:ARG:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:75:GLY:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:75:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:75:GLY:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:75:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:C	2:B:75:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:75:GLY:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:75:GLY:O	6	0.12
(1,7)	1:A:51:ASP:C	2:B:76:GLY:C	6	0.12
(1,7)	1:A:51:ASP:C	2:B:76:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:C	2:B:76:GLY:H	6	0.12
(1,7)	1:A:51:ASP:C	2:B:76:GLY:HA2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:C	2:B:76:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:C	2:B:76:GLY:N	6	0.12
(1,7)	1:A:51:ASP:C	2:B:76:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:6:LYS:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:7:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:CB	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:8:LEU:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:9:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:10:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:10:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:10:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:10:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:10:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:10:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:10:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:CE	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:11:LYS:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:12:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:HG23	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CA	2:B:14:THR:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:14:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:34:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:42:ARG:O	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CA	2:B:46:ALA:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:46:ALA:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:46:ALA:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:46:ALA:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:46:ALA:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:46:ALA:HB1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:46:ALA:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:46:ALA:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:46:ALA:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:46:ALA:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:47:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:47:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:47:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:47:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:47:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:47:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:47:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:48:LYS:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:CB	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:CD	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:HE21	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:HE22	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:HG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:HG3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:NE2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:49:GLN:OE1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:51:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:52:ASP:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:52:ASP:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:52:ASP:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:52:ASP:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:52:ASP:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:52:ASP:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:52:ASP:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:52:ASP:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:52:ASP:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:52:ASP:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:52:ASP:OD1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:52:ASP:OD2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:53:GLY:C	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CA	2:B:53:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:53:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:53:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:53:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:53:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:53:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:66:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:CD2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:CE1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:HD1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:HD2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:HE1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:HE2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:ND1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:NE2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:68:HIS:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:CD1	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:71:LEU:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:72:ARG:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:CB	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:73:LEU:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:74:ARG:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:75:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:75:GLY:CA	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CA	2:B:75:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:75:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:75:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:75:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:75:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:76:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:76:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:76:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:76:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:76:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:76:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CA	2:B:76:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:6:LYS:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:HG1	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CB	2:B:7:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:7:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:8:LEU:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:9:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:10:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:10:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:10:GLY:H	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CB	2:B:10:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:10:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:10:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:10:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:11:LYS:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:12:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:CA	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CB	2:B:14:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:14:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:34:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:HG3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:42:ARG:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:46:ALA:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:46:ALA:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:46:ALA:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:46:ALA:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:46:ALA:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:46:ALA:HB1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:46:ALA:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:46:ALA:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:46:ALA:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:46:ALA:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:47:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:47:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:47:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:47:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:47:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:47:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:47:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:HG3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:48:LYS:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:CD	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:HE21	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:HE22	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:HG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:HG3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:NE2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:49:GLN:OE1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:51:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:52:ASP:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:52:ASP:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:52:ASP:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:52:ASP:CG	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CB	2:B:52:ASP:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:52:ASP:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:52:ASP:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:52:ASP:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:52:ASP:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:52:ASP:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:52:ASP:OD1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:52:ASP:OD2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:53:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:53:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:53:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:53:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:53:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:53:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:53:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:66:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:CD2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:CE1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:HD1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:HD2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:HE1	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:HE2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:ND1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:NE2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:68:HIS:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:71:LEU:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:HH21	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:72:ARG:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:73:LEU:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:HH12	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:74:ARG:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:75:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:75:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:75:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:75:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:75:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:75:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:75:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:76:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:76:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:76:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:76:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:76:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:76:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CB	2:B:76:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:NZ	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CG	2:B:6:LYS:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:7:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:8:LEU:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:HG1	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CG	2:B:9:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:9:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:10:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:10:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:10:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:10:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:10:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:10:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:10:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:11:LYS:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:HB	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CG	2:B:12:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:12:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:14:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:34:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:CZ	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:42:ARG:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:46:ALA:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:46:ALA:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:46:ALA:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:46:ALA:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:46:ALA:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:46:ALA:HB1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:46:ALA:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:46:ALA:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:46:ALA:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:46:ALA:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:47:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:47:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:47:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:47:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:47:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:47:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:47:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:H	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:48:LYS:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:CD	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:HE21	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:HE22	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:HG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:HG3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:NE2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:49:GLN:OE1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:HG2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:51:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:52:ASP:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:52:ASP:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:52:ASP:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:52:ASP:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:52:ASP:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:52:ASP:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:52:ASP:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:52:ASP:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:52:ASP:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:52:ASP:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:52:ASP:OD1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:52:ASP:OD2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:53:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:53:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:53:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:53:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:53:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:53:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:53:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:HB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:66:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:CD2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:CE1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:HD1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:HD2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:HE1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:HE2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:ND1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:NE2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:68:HIS:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:71:LEU:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:HB2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:72:ARG:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:73:LEU:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:HA	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:74:ARG:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:75:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:75:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:75:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:75:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:75:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:75:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:75:GLY:O	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:76:GLY:C	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:76:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:76:GLY:H	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:76:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:76:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:76:GLY:N	6	0.12
(1,7)	1:A:51:ASP:CG	2:B:76:GLY:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:HD3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:H	2:B:6:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:H	2:B:6:LYS:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:HB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:7:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:8:LEU:N	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:H	2:B:8:LEU:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:HB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:9:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:10:GLY:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:10:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:10:GLY:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:10:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:10:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:10:GLY:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:10:GLY:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:N	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:H	2:B:11:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:H	2:B:11:LYS:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:HB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:12:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:HB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:14:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:N	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:H	2:B:34:GLU:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:34:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:42:ARG:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:46:ALA:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:46:ALA:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:46:ALA:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:46:ALA:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:46:ALA:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:46:ALA:HB1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:46:ALA:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:46:ALA:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:46:ALA:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:46:ALA:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:47:GLY:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:47:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:47:GLY:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:47:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:47:GLY:HA3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:H	2:B:47:GLY:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:47:GLY:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:H	2:B:48:LYS:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:CD	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:HE21	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:HE22	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:HG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:HG3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:NE2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:49:GLN:OE1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:C	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:H	2:B:51:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:51:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:52:ASP:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:52:ASP:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:52:ASP:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:52:ASP:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:52:ASP:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:52:ASP:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:52:ASP:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:52:ASP:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:52:ASP:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:52:ASP:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:52:ASP:OD1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:52:ASP:OD2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:53:GLY:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:53:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:53:GLY:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:53:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:53:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:53:GLY:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:53:GLY:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:HB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:HG21	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:H	2:B:66:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:66:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:CD2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:CE1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:HD1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:HD2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:HE1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:HE2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:ND1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:NE2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:68:HIS:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:71:LEU:O	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:H	2:B:72:ARG:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:72:ARG:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:73:LEU:N	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:H	2:B:73:LEU:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:74:ARG:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:75:GLY:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:75:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:75:GLY:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:75:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:75:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:75:GLY:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:75:GLY:O	6	0.12
(1,7)	1:A:51:ASP:H	2:B:76:GLY:C	6	0.12
(1,7)	1:A:51:ASP:H	2:B:76:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:H	2:B:76:GLY:H	6	0.12
(1,7)	1:A:51:ASP:H	2:B:76:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:H	2:B:76:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:H	2:B:76:GLY:N	6	0.12
(1,7)	1:A:51:ASP:H	2:B:76:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:CB	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:6:LYS:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:7:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:HB2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:8:LEU:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:9:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:10:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:10:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:10:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:10:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:10:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:10:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:10:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:HD2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:11:LYS:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:12:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:14:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:CB	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:34:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:42:ARG:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:46:ALA:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:46:ALA:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:46:ALA:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:46:ALA:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:46:ALA:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:46:ALA:HB1	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HA	2:B:46:ALA:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:46:ALA:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:46:ALA:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:46:ALA:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:47:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:47:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:47:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:47:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:47:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:47:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:47:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:48:LYS:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:CD	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:HB3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:HE21	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:HE22	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:HG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:HG3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:NE2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:49:GLN:OE1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:51:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:52:ASP:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:52:ASP:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:52:ASP:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:52:ASP:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:52:ASP:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:52:ASP:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:52:ASP:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:52:ASP:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:52:ASP:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:52:ASP:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:52:ASP:OD1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:52:ASP:OD2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:53:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:53:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:53:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:53:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:53:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:53:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:53:GLY:O	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HA	2:B:66:THR:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:66:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:CD2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:CE1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:HD1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:HD2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:HE1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:HE2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:ND1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:NE2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:68:HIS:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:HB3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:71:LEU:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:72:ARG:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:HB2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:73:LEU:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:74:ARG:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:75:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:75:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:75:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:75:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:75:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:75:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:75:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:76:GLY:C	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HA	2:B:76:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:76:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:76:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:76:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:76:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HA	2:B:76:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:6:LYS:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:7:THR:OG1	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:8:LEU:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:9:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:10:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:10:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:10:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:10:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:10:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:10:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:10:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:CA	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:11:LYS:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:12:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:HG1	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:14:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:34:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:NE	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:42:ARG:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:46:ALA:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:46:ALA:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:46:ALA:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:46:ALA:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:46:ALA:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:46:ALA:HB1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:46:ALA:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:46:ALA:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:46:ALA:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:46:ALA:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:47:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:47:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:47:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:47:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:47:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:47:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:47:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:48:LYS:O	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:CD	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:HE21	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:HE22	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:HG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:HG3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:NE2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:49:GLN:OE1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:51:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:52:ASP:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:52:ASP:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:52:ASP:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:52:ASP:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:52:ASP:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:52:ASP:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:52:ASP:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:52:ASP:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:52:ASP:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:52:ASP:O	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB2	2:B:52:ASP:OD1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:52:ASP:OD2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:53:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:53:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:53:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:53:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:53:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:53:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:53:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:66:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:CD2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:CE1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:HD1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:HD2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:HE1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:HE2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:ND1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:NE2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:68:HIS:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:C	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:71:LEU:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:72:ARG:O	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:73:LEU:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:NH2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB2	2:B:74:ARG:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:75:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:75:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:75:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:75:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:75:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:75:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:75:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:76:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:76:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:76:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:76:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:76:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:76:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HB2	2:B:76:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:6:LYS:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:H	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:7:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:8:LEU:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:9:THR:OG1	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB3	2:B:10:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:10:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:10:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:10:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:10:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:10:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:10:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:11:LYS:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:O	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB3	2:B:12:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:14:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:34:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:HD3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:42:ARG:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:46:ALA:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:46:ALA:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:46:ALA:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:46:ALA:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:46:ALA:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:46:ALA:HB1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:46:ALA:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:46:ALA:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:46:ALA:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:46:ALA:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:47:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:47:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:47:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:47:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:47:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:47:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:47:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:HE2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:48:LYS:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:CD	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:HE21	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:HE22	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:HG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:HG3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:NE2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:49:GLN:OE1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:51:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:52:ASP:C	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB3	2:B:52:ASP:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:52:ASP:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:52:ASP:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:52:ASP:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:52:ASP:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:52:ASP:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:52:ASP:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:52:ASP:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:52:ASP:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:52:ASP:OD1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:52:ASP:OD2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:53:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:53:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:53:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:53:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:53:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:53:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:53:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:HB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:66:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:CD2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:CE1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:HB3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:HD1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:HD2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:HE1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:HE2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:ND1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:NE2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:68:HIS:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:71:LEU:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:HG3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:72:ARG:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:73:LEU:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:HG2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:74:ARG:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:75:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:75:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:75:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:75:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:75:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:75:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:75:GLY:O	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:76:GLY:C	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:76:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:76:GLY:H	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:76:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:76:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:76:GLY:N	6	0.12
(1,7)	1:A:51:ASP:HB3	2:B:76:GLY:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:HZ2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:N	2:B:6:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:N	2:B:6:LYS:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:HB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:7:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:8:LEU:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:H	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:N	2:B:9:THR:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:HB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:9:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:10:GLY:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:10:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:10:GLY:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:10:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:10:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:10:GLY:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:10:GLY:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:N	2:B:11:LYS:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:CG2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:N	2:B:12:THR:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:HB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:12:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:HB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:14:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:34:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:CB	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:N	2:B:42:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:42:ARG:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:46:ALA:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:46:ALA:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:46:ALA:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:46:ALA:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:46:ALA:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:46:ALA:HB1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:46:ALA:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:46:ALA:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:46:ALA:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:46:ALA:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:47:GLY:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:47:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:47:GLY:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:47:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:47:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:47:GLY:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:47:GLY:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:CD	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:N	2:B:48:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:N	2:B:48:LYS:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:CD	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:HE21	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:HE22	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:HG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:HG3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:NE2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:49:GLN:OE1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:HA	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:N	2:B:51:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:51:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:52:ASP:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:52:ASP:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:52:ASP:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:52:ASP:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:52:ASP:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:52:ASP:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:52:ASP:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:52:ASP:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:52:ASP:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:52:ASP:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:52:ASP:OD1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:52:ASP:OD2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:53:GLY:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:53:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:53:GLY:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:53:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:53:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:53:GLY:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:53:GLY:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:HB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:66:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:C	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:N	2:B:68:HIS:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:CD2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:CE1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:HD1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:HD2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:HE1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:HE2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:ND1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:NE2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:68:HIS:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:71:LEU:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:CZ	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:N	2:B:72:ARG:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:72:ARG:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:73:LEU:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:CG	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:N	2:B:74:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:74:ARG:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:75:GLY:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:75:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:75:GLY:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:75:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:75:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:75:GLY:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:75:GLY:O	6	0.12
(1,7)	1:A:51:ASP:N	2:B:76:GLY:C	6	0.12
(1,7)	1:A:51:ASP:N	2:B:76:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:N	2:B:76:GLY:H	6	0.12
(1,7)	1:A:51:ASP:N	2:B:76:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:N	2:B:76:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:N	2:B:76:GLY:N	6	0.12
(1,7)	1:A:51:ASP:N	2:B:76:GLY:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:HB2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:O	2:B:6:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:O	2:B:6:LYS:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:HB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:7:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:HD22	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:O	2:B:8:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:8:LEU:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:HB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:9:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:10:GLY:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:10:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:10:GLY:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:10:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:10:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:10:GLY:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:10:GLY:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:HZ1	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:O	2:B:11:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:O	2:B:11:LYS:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:HB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:12:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:HB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:14:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:HB3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:O	2:B:34:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:34:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:42:ARG:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:46:ALA:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:46:ALA:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:46:ALA:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:46:ALA:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:46:ALA:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:46:ALA:HB1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:46:ALA:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:46:ALA:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:46:ALA:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:46:ALA:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:47:GLY:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:47:GLY:CA	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:O	2:B:47:GLY:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:47:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:47:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:47:GLY:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:47:GLY:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:O	2:B:48:LYS:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:CD	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:HE21	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:HE22	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:HG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:HG3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:NE2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:O	2:B:49:GLN:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:49:GLN:OE1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:51:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:52:ASP:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:52:ASP:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:52:ASP:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:52:ASP:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:52:ASP:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:52:ASP:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:52:ASP:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:52:ASP:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:52:ASP:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:52:ASP:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:52:ASP:OD1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:52:ASP:OD2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:53:GLY:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:53:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:53:GLY:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:53:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:53:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:53:GLY:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:53:GLY:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:HA	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:O	2:B:66:THR:HB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:66:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:CD2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:CE1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:HD1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:HD2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:HE1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:HE2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:ND1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:NE2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:68:HIS:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:HD23	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:O	2:B:71:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:71:LEU:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:72:ARG:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:HD22	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:O	2:B:73:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:73:LEU:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:74:ARG:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:75:GLY:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:75:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:75:GLY:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:75:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:75:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:75:GLY:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:75:GLY:O	6	0.12
(1,7)	1:A:51:ASP:O	2:B:76:GLY:C	6	0.12
(1,7)	1:A:51:ASP:O	2:B:76:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:O	2:B:76:GLY:H	6	0.12
(1,7)	1:A:51:ASP:O	2:B:76:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:O	2:B:76:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:O	2:B:76:GLY:N	6	0.12
(1,7)	1:A:51:ASP:O	2:B:76:GLY:O	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:6:LYS:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:HB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:7:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:CG	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:8:LEU:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:HB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:9:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:10:GLY:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:10:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:10:GLY:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:10:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:10:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:10:GLY:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:10:GLY:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:HA	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:11:LYS:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:HB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:12:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:HB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:14:THR:OG1	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:34:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:42:ARG:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:46:ALA:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:46:ALA:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:46:ALA:CB	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD1	2:B:46:ALA:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:46:ALA:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:46:ALA:HB1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:46:ALA:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:46:ALA:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:46:ALA:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:46:ALA:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:47:GLY:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:47:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:47:GLY:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:47:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:47:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:47:GLY:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:47:GLY:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:48:LYS:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:CD	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:CG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:H	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:HE21	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:HE22	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:HG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:HG3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:NE2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:49:GLN:OE1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:51:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:52:ASP:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:52:ASP:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:52:ASP:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:52:ASP:CG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:52:ASP:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:52:ASP:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:52:ASP:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:52:ASP:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:52:ASP:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:52:ASP:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:52:ASP:OD1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:52:ASP:OD2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:53:GLY:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:53:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:53:GLY:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:53:GLY:HA2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD1	2:B:53:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:53:GLY:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:53:GLY:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:HB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:66:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:CD2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:CE1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:CG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:HD1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:HD2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:HE1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:HE2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:ND1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:NE2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:68:HIS:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:H	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:71:LEU:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:72:ARG:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:CG	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:73:LEU:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:74:ARG:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:75:GLY:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:75:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:75:GLY:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:75:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:75:GLY:HA3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD1	2:B:75:GLY:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:75:GLY:O	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:76:GLY:C	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:76:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:76:GLY:H	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:76:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:76:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:76:GLY:N	6	0.12
(1,7)	1:A:51:ASP:OD1	2:B:76:GLY:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:6:LYS:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:HB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:HG23	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:7:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:8:LEU:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:HB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:9:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:10:GLY:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:10:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:10:GLY:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:10:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:10:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:10:GLY:N	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD2	2:B:10:GLY:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:HZ3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:11:LYS:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:HB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:12:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:H	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:HB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:14:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:34:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:HH21	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:42:ARG:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:46:ALA:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:46:ALA:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:46:ALA:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:46:ALA:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:46:ALA:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:46:ALA:HB1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:46:ALA:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:46:ALA:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:46:ALA:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:46:ALA:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:47:GLY:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:47:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:47:GLY:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:47:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:47:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:47:GLY:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:47:GLY:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:CD	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:CE	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:HD2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:HD3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:HE2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:HE3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:HG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:HG3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:HZ1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:HZ2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:HZ3	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:NZ	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:48:LYS:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:CD	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:HE21	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:HE22	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:HG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:HG3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:NE2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:49:GLN:OE1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:CD	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:HG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:HG3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:OE1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:51:GLU:OE2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:52:ASP:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:52:ASP:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:52:ASP:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:52:ASP:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:52:ASP:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:52:ASP:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:52:ASP:HB2	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD2	2:B:52:ASP:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:52:ASP:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:52:ASP:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:52:ASP:OD1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:52:ASP:OD2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:53:GLY:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:53:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:53:GLY:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:53:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:53:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:53:GLY:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:53:GLY:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:CG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:HB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:HG1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:HG21	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:HG22	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:HG23	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:66:THR:OG1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:CD2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:CE1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:HD1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:HD2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:HE1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:HE2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:ND1	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:NE2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:68:HIS:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:71:LEU:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:NE	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:72:ARG:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:CD1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:CD2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:HD11	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:HD12	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:HD13	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:HD21	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:HD22	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:HD23	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:HG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:73:LEU:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:CB	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:CD	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:CG	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:CZ	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:HA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:HB2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:HB3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:HD2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:HD3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:HE	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:HG2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:HG3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:HH11	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:HH12	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:HH21	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:HH22	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:N	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:NE	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:NH1	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:NH2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:74:ARG:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:75:GLY:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:75:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:75:GLY:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:75:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:75:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:75:GLY:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:75:GLY:O	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:76:GLY:C	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:76:GLY:CA	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:76:GLY:H	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:76:GLY:HA2	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:76:GLY:HA3	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:76:GLY:N	6	0.12
(1,7)	1:A:51:ASP:OD2	2:B:76:GLY:O	6	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:C	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:HB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HE22	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:36:GLY:N	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:48:MET:SD	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:C	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE1	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:C	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB2	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:CA	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG11	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NE	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:CB	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HE22	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:N	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:48:MET:SD	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE1	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:CD	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB2	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:CE	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG11	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NE	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:CG	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:H	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:HB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HE22	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:36:GLY:N	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:48:MET:SD	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:H	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE1	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:H	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB2	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:HA	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG11	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NE	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:HB2	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HE22	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:N	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:48:MET:SD	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE1	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:HB3	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB2	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:HD2	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG11	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NE	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:HD3	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HE22	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:N	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:48:MET:SD	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE1	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:HE2	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB2	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:HE3	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG11	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NE	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:HG2	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HE22	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:N	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:48:MET:SD	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE1	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:HG3	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB2	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:HZ1	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG11	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NE	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:HZ2	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HE22	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:N	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:48:MET:SD	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE1	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:HZ3	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:N	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB2	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:N	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:N	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:N	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG11	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NE	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HE22	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:48:MET:SD	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CA	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE1	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:NZ	1:A:53:PHE:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CD2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CE2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:CZ	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HD2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HE2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:HH	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:10:TYR:OH	2	0.12
(1,18)	2:B:48:LYS:O	1:A:11:ASP:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:11:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:11:ASP:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:11:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:11:ASP:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:11:ASP:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:11:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:12:ALA:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:12:ALA:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:12:ALA:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:12:ALA:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:12:ALA:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:12:ALA:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:CG2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG11	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG12	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG13	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG21	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG22	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:HG23	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:13:VAL:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CD2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CE1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:H	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HD2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:HE2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:ND1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:NE2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:14:HIS:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:15:ASP:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:15:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:15:ASP:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:15:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:15:ASP:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:15:ASP:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:15:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:16:ASP:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:16:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:16:ASP:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:16:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:16:ASP:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:16:ASP:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:16:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:CG2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:HB	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG21	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG22	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:HG23	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:19:THR:OG1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CD	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:CZ	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HD3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HE	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HG3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH11	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH12	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH21	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:HH22	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NE	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:NH2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:21:ARG:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CD	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE21	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HE22	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:HG3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:NE2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:33:GLN:OE1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:34:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CD	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:HG3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:35:GLU:OE2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:36:GLY:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:36:GLY:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:36:GLY:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:36:GLY:HA3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:36:GLY:N	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:36:GLY:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CD2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CE3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CH2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:CZ3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HD1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HE3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HH2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:HZ3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:NE1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:37:TRP:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:CE	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:HE3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:HG3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:48:MET:SD	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:51:ASP:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:51:ASP:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:51:ASP:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:51:ASP:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:51:ASP:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:51:ASP:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:51:ASP:OD2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD21	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:HD22	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:ND2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:O	2	0.12
(1,18)	2:B:48:LYS:O	1:A:52:ASN:OD1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:C	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CB	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CD2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CE2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CG	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:CZ	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:H	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HA	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HB3	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD1	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HD2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE1	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HE2	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:HZ	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:N	2	0.12
(1,18)	2:B:48:LYS:O	1:A:53:PHE:O	2	0.12

10 Dihedral-angle violation analysis

No dihedral-angle restraints found